

LIFE

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THE RUSSIAN REVOLUTION

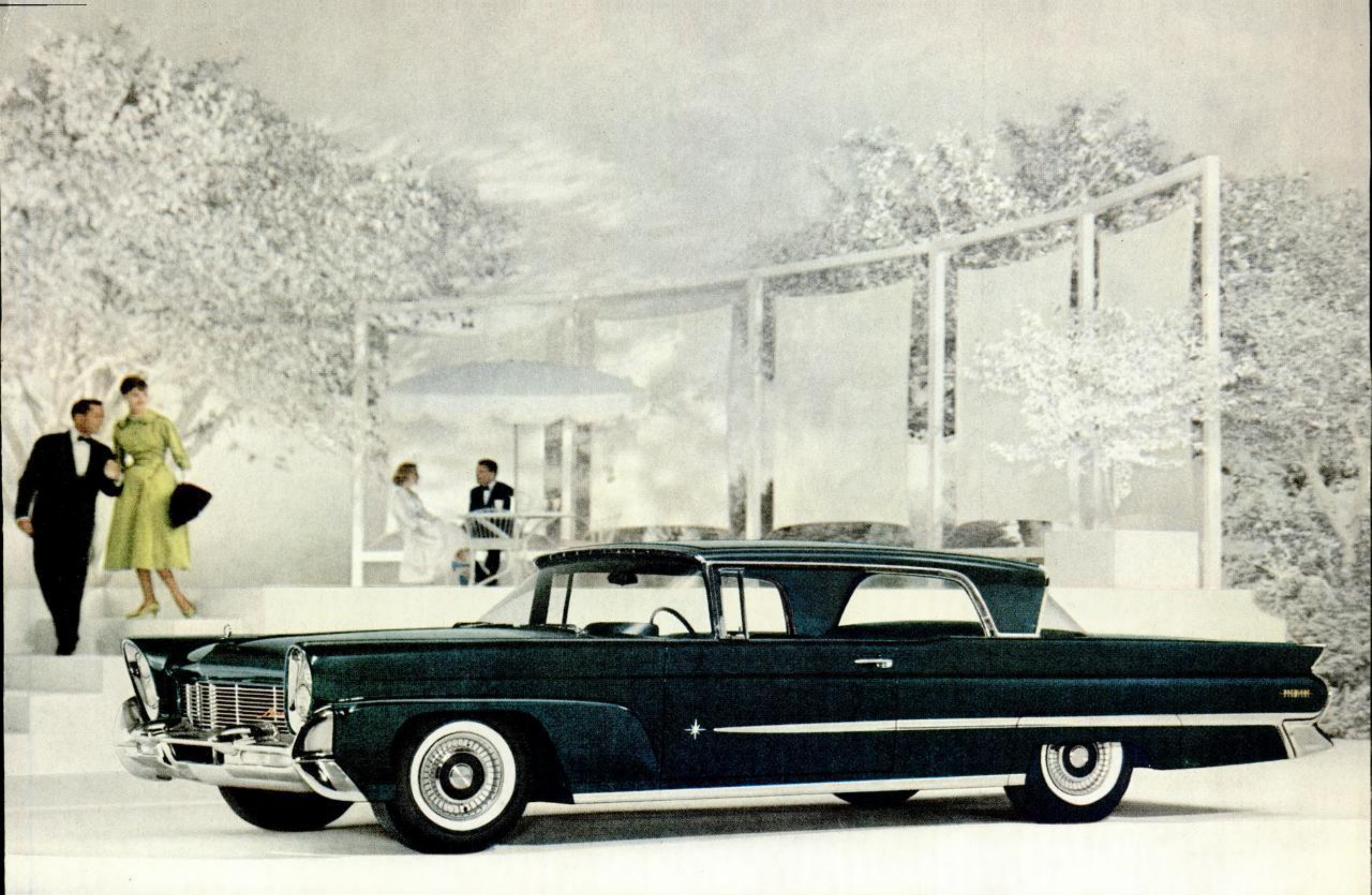
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Portentous revolution 38



DEATH OF CZAR ALEXANDER II

A brilliant popular historian, a vast body of scholarly research, newly uncovered material and a wealth of color illustration combine to tell the exciting story of the most momentous political event of our time: The Russian Revolution. Part I of a new LIFE series describes the opulent pre-Revolutionary era of the czars.

Ideas from citizens 13

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H. ROWAN GAITHER JR.

Big business bandsman 80

With hard work and a bouncy beat, Band Leader Lester Lanin has made his orchestra into big business, U.S. society into his clientele.



LESTER LANIN

Lady at the top 89

Scurrying swiftly up the ladder of success, attractive Jerry Stutz at 33 is president of Henri Bendel, the high-toned New York store.



PRESIDENT STUTZ

COVER

In front of the Narva Gate in Petrograd, mounted Cossacks cut down a delegation of workers on the way to present a petition to the czar. This brutality on "Bloody Sunday" was a prelude to the great revolution of 1917, which is the subject of a new LIFE series starting in this issue with "Twilight of the Czars." In cover painting by Alton Tobey the workers' leader, Father Gapon, stands in center (see pp. 38-74)

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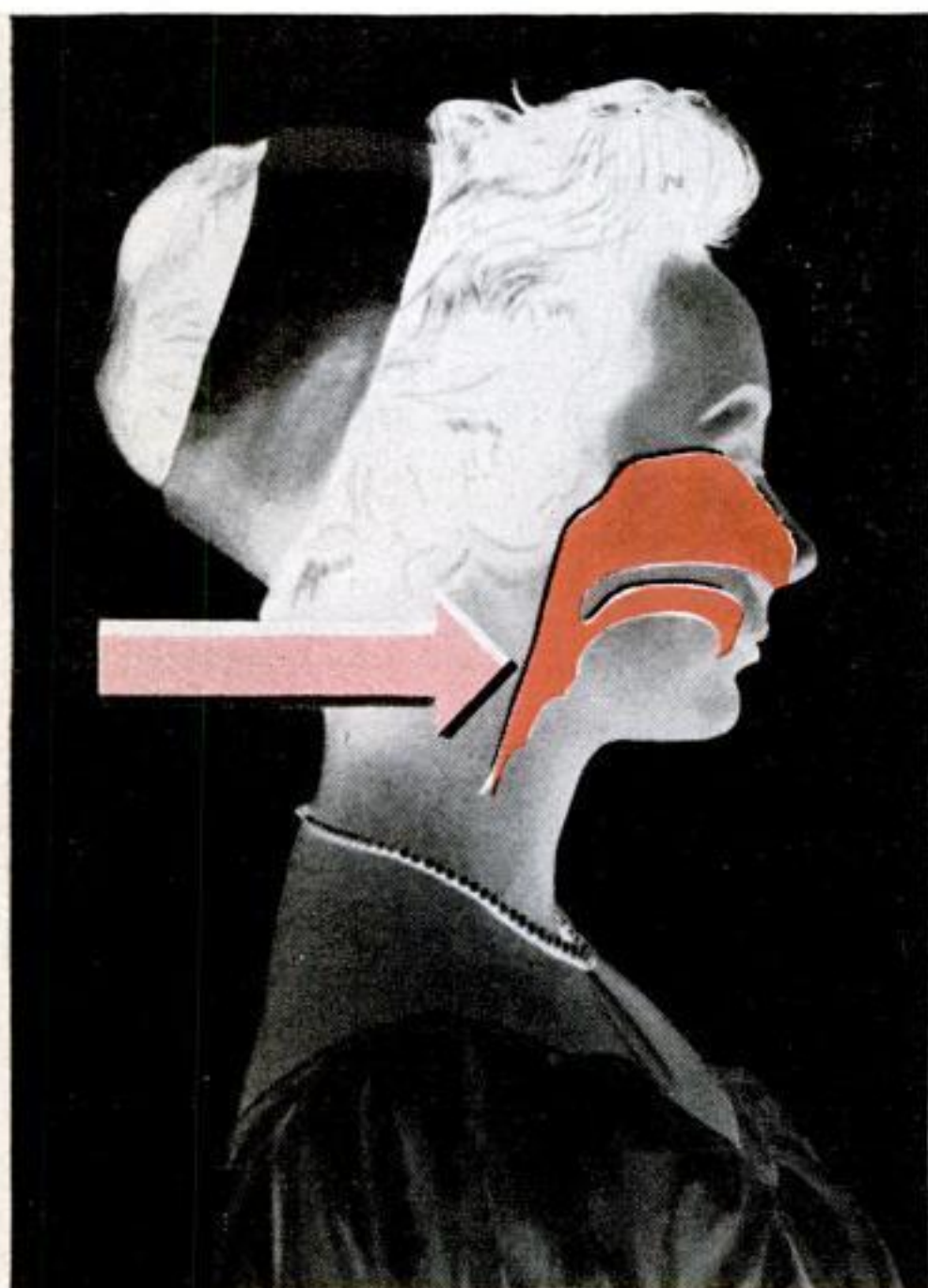
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How does your cold develop?



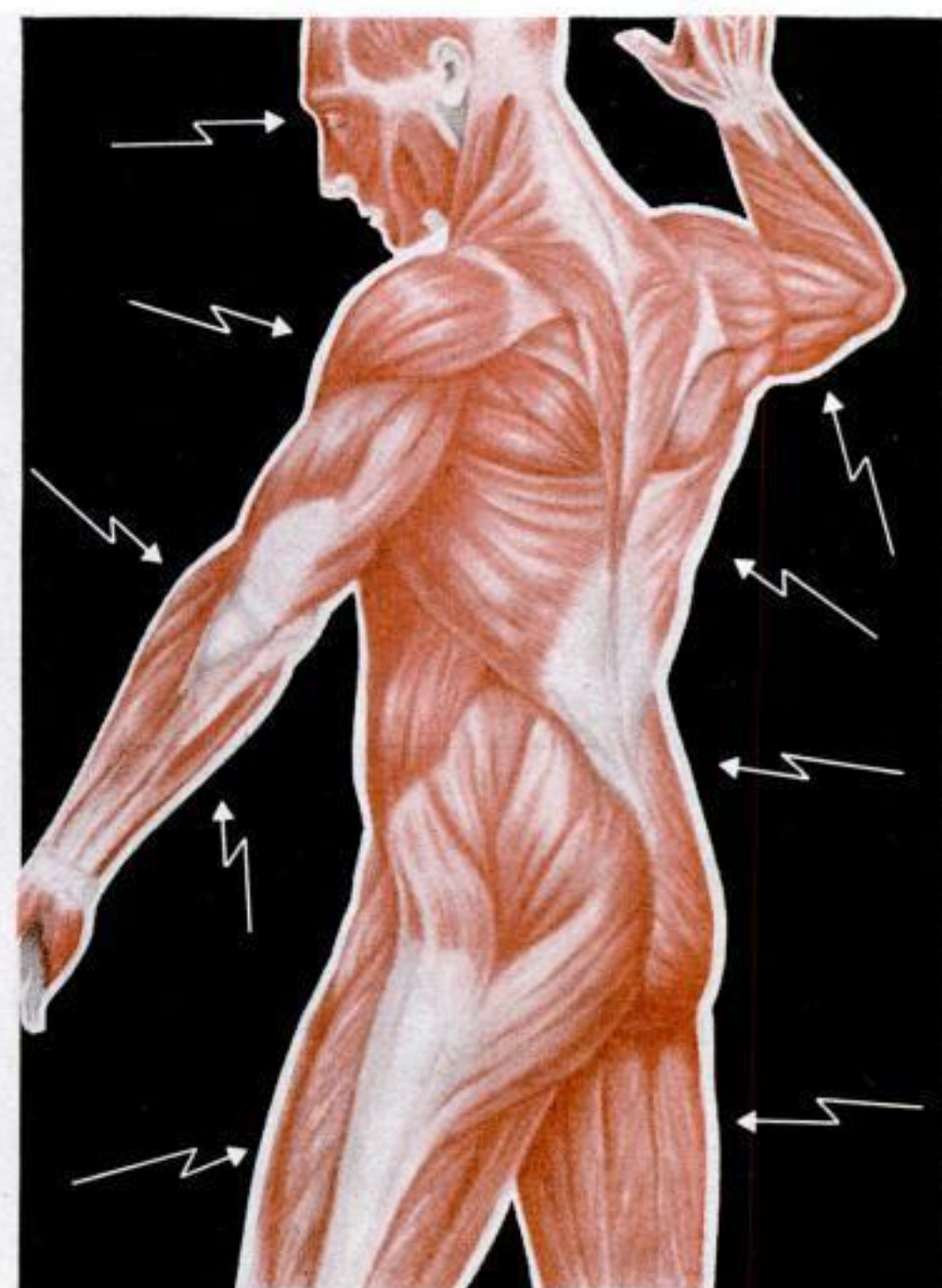
1 SORE THROAT

2. Coughing
3. Sniffles, Sneezing, Stuffy Nose
4. Tight Chest
5. Ache All Over



1 SNEEZING, SNIFFLES, STUFFY NOSE

2. Sore Throat
3. Coughing
4. Tight Chest
5. Ache All Over



1 ACHE ALL OVER

2. Sneezing, Sniffles, Stuffy Nose
3. Sore Throat
4. Coughing
5. Tight Chest

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This One



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LETTERS TO THE EDITORS

EUPHORIA AND THE SCYTHIANS

Sirs:

If anything short of attack will bring an awareness to the American people of the dangers and demands of this era it is writing like that in your editorial, "Euphoria and the Scythians" (LIFE, Dec. 16).

LESTER L. KIMBLE

Clarksburg, Md.

Sirs:

You pierced the shell of our national smugness with a needle whetted on a stone of satire more flinty and abrasive than Swift ever knew.

ROBERT L. FRIES

Oxnard, Calif.

Sirs:

Your editorial was not up to par. It lacks sincerity and fails to convince—and is too frilly.

S. SCHIER

Bonsall, Calif.

Sirs:

The day that my classes finished reading Goethe's *Faust* I read your editorial to them. To the amazement of my students, here was contemporary restatement of Goethe's ideas—the need for divine discontent, intellectual curiosity, the constant fight for progress, earning freedom daily, the role of the teacher in society. Perhaps Goethe's words were meant just for us:

*Wer immer strebend sich bemüht,
Den können wir erlösen.*

ARNOLD J. HARTOCH

University of Illinois
Chicago, Ill.

● Translated: "Who'er aspires unwearyedly/ Is not beyond redeeming."—ED.

Sirs:

Was delighted to see a popular national publication go out on a limb with a little honest cynicism about our complacent society.

M. P. CHAPMAN

Ithaca, N.Y.

Sirs:

In your fable of the Euphorians you show poor grace in throwing so much blame on the educators for our failure to be first with a satellite. Only a minority of the pupils of any country can be taught trigonometry and physics, very few can be scientists.

Has LIFE fought for higher salaries and more prestige for teachers or for more scholarships? Has not LIFE been a leader in singing, "We are the big-

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gest; we are the best," in scorning, in most respects, the Russians? Has not LIFE been a strongly partisan advocate of an administration that has consistently cut defense budgets, as a result of which many skilled workers and engineers in defense industries are now unemployed?

BENJAMIN SPOCK, M.D.

Cleveland, Ohio

● In reply to America's most-widely known pediatrician: LIFE has certainly sung the praises of our country, but it has also argued again and again for higher salaries and prestige for teachers; it has warned of Russia's strength for more than a decade; and, quite specifically, it has been critical of the Administration's defense budget (see editorials April 15, May 27).—ED.

Sirs:

In the fifth grade in a not-so-special French private school in Paris our daughter was expected to complete correctly pages of problems on specific gravity, as well as comprehensive grammar and paragraphs of the literary greats. Today, in junior high in Maryland, she enjoys 13 hours a week on "Teen-Age Problems," "You," "Improving Yourself," for a period of six weeks.

B. T. COHEN

University Park, Md.

Sirs:

As a citizen of Euphoria, I appreciated your editorial very much. It would have depressed me had I not remembered our motto: "This means everyone but me."

PEG SLOTE

White Plains, N.Y.

Sirs:

You forgot the national anthem of the Republic of Euphoria:

"We belong to a Mutual Admiration Society. . . ."

R. SCHWEIGER

Denver, Colo.

MADONNA AND CHILD

Sirs:

God bless you for your exquisite Michelangelo cover, as well as for the superb presentation of the sculptured masterpieces in "The Madonna and Child" (LIFE, Dec. 16).

FATHER JAMES KELLER

New York, N.Y.

Sirs:

Thank you for your perspective that leads to coverage of Madonnas as well as missiles.

HAYNES REYNOLDS FRASER

Los Angeles, Calif.

TOO MUCH TALK TOO SOON

Sirs:

As a client-harried professional man, I have become dizzy trying to piece together the Administration's moves as reported in "Too Much Talk Too Soon Adds Up to Disaster" (LIFE, Dec. 16).

My impressions are that Ike has a missileman on his staff without power to make operating decisions; that the USAF is in charge of missile development; that there is a missileman on the Defense Secretary's staff, also without power, and that someone with power to decide has ordered the Army and the Air Force to develop an IRBM.

CONTINUED

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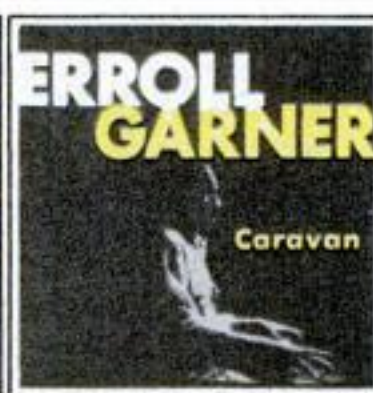
Two delightful ballet scores. Offenbach's gay masterpiece — Chopin's romantic reverie



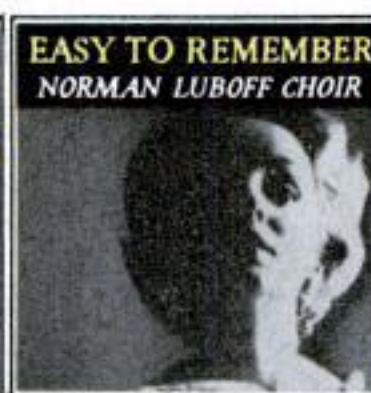
The best-loved of all piano sonatas in definitive performances by Rudolf Serkin



Johnny Mathis sings 12 favorites—Old Black Magic, Day In Day Out, It Could Happen To You, etc.



Erroll Garner plays Caravan, No Greater Love, Avalon, Lullaby of Birdland and other top hits



Tenderly, Deep Purple, Soon, Laura, September In The Rain, You Go To My Head, 6 others



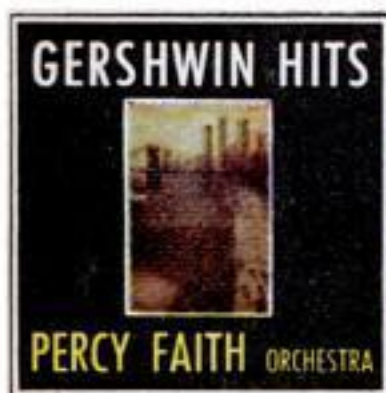
Duchin plays The Man I Love, April Showers, Am I Blue?, Stardust, Blue Room, Brazil and 9 others



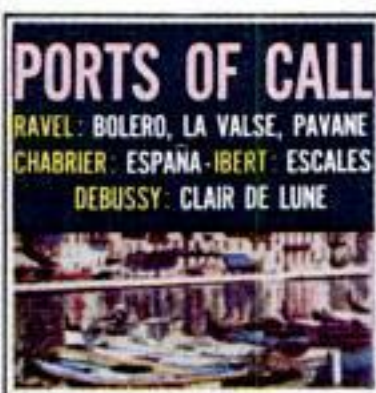
7 exciting new jazz improvisations from the history-making Newport Jazz Festival



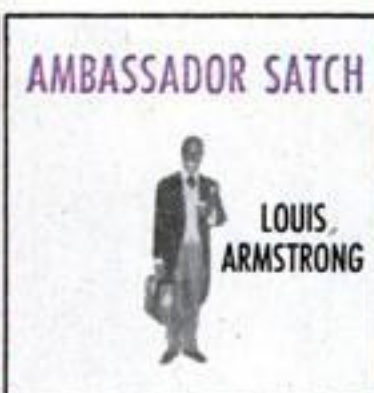
Complete score! The Rain In Spain, You Did It, I Could Have Danced All Night, Show Me, etc.



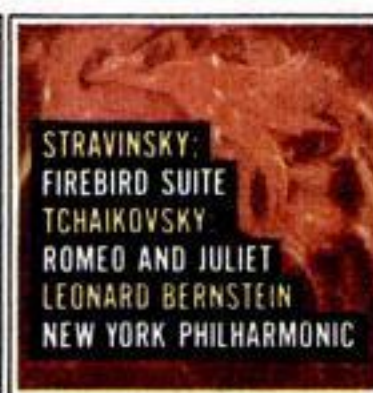
Suave arrangements of Fascinating Rhythm, Embraceable You, Somebody Loves Me, Liza, 10 more



A romantic musical journey with Eugene Ormandy and The Philadelphia Orchestra



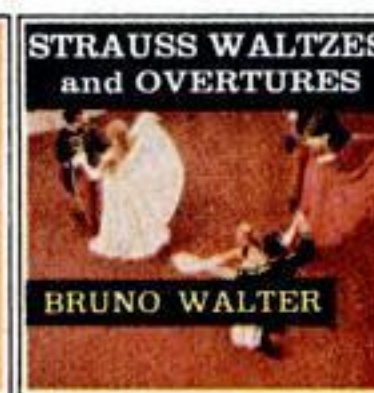
Recordings of the famous European concert tour. Armstrong and his All-Stars in 10 numbers



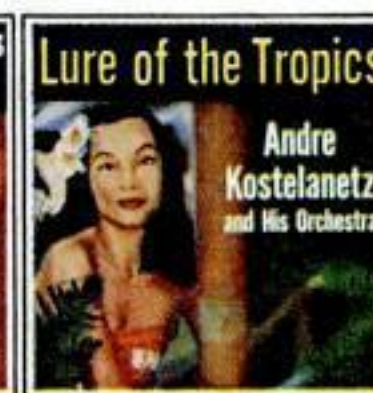
Stunning hi-fi performances of the "Firebird" and "Romeo and Juliet." New York Philharmonic



Doris Day sings The Song Is You, But Not For Me, Autumn Leaves, Gone With The Wind—8 more



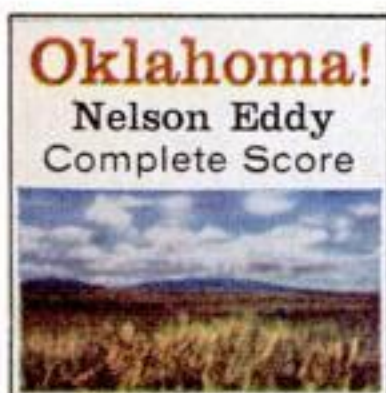
Emperor Waltz, Blue Danube, Vienna Life, Gypsy Baron Overture, Die Fledermaus Overture, etc.



The Moon of Manakora, Lotus Land, Poinciana, Jamaican Rhumba, Malagueña, Flamingo, etc.



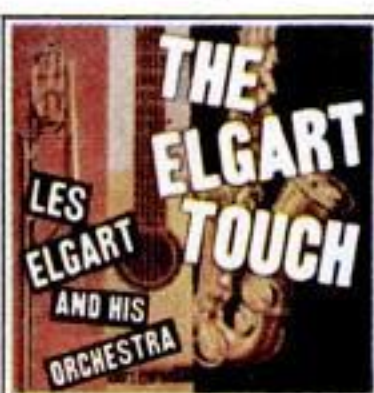
Sinatra sings I Could Write A Book, Love Me, Mad About You, Nevertheless and 8 more



Rodgers & Hammerstein's fabulous hit. The complete score with Nelson Eddy as Curly



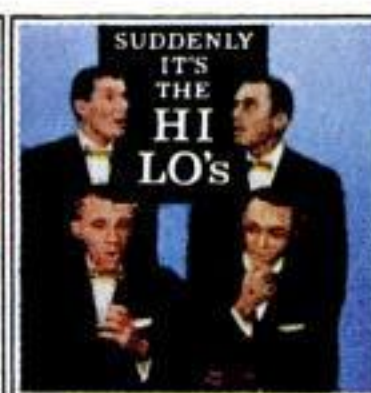
Oscar Levant plays Concerto in F, Rhapsody in Blue. Also included—An American in Paris



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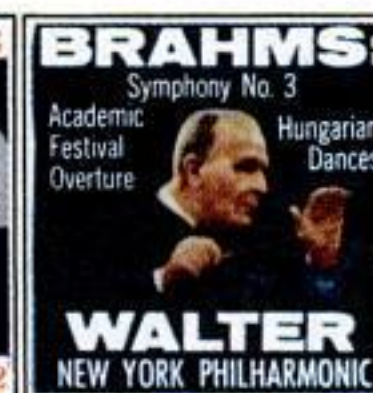
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
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LETTERS TO THE EDITORS CONTINUED

It seems painfully obvious we need an autonomous United States Missile Force.

F. C. VOGEL
Los Angeles, Calif.

Sirs:
Perhaps I am alone in not feeling embarrassed about the U.S. failure to launch its satellite into space.

"Fear of failure" is obviously not to be applied to our country, and I am proud that we had the courage to announce a test that could end in failure. Russia wouldn't have dared announce a test ahead of time; it is too important to be always right, never to lose face.

CAROLYN L. HINES
Three Rivers, Calif.

Sirs:
You said that the East Greenwich High School Science Club launched a rocket whose nose went up but the rocket stayed on the ground.

We would like to comment that five out of the six firings of our rockets have been successful and you just happened to show the rocket that failed.

DIANA NAYSNERSKI
NANCY BRUSCI
East Greenwich, R.I.

● In successful firing one Science Club rocket rose 1,000 feet in the air, buried its nose in the ground on landing (below).—ED.



SUCCESSFUL ROCKET SHOOT

Sirs:
LIFE made a deadly error in showing a boy stirring "a mixture of sulphur and zinc dust." Zinc and sulphur explode when heated.

GEORGE S. JAMES
Glendale, Calif.

● Ronnie Nelson was indeed stirring a mixture of sulphur and zinc dust, but he cooked the fuel under expert supervision. Using a thermostatically controlled cooker, he heated his fuel to 350°F., about 50° below the danger point.—ED.

FACTS ON RUSSIAN SCIENCES

Sirs:
Thank you for the excellent "First Hard Facts on All Russian Sciences" (LIFE, Dec. 16). Its clear and specific explanation of our scientific weaknesses has done much to turn my 16-year-old mind toward a scientific career.

FRED DIX
Chicago, Ill.

Sirs:
Let us all hope that a Russia wise enough to accomplish so much in 40 years is also wise enough to have learned from the history of recent wars that nations that go to war, even if victorious, gain nothing lasting. But a scientific race between America

and Russia is something thrilling to think about. It could lead to many wonderful discoveries for the eventual good of all mankind.

FLORENCE PULVER
Osborne, Kan.

Sirs:
There was no necessity to go very far in order to prove the fact that Russia can produce first-class scientists. What group of immigrants, in proportion to its size, has given America so many prominent and even famous scientists as the Russian refugees who came to the United States after the revolution of 1917? It suffices to name: Igor Sikorsky (helicopters), Dr. Vladimir Zworykin (electron microscope), Professor Vladimir Ipatieff (high-octane gasoline). Hundreds of other Russians teach in U.S. universities and work as engineers in industrial concerns.

N. C. STEPANOFF
New York, N.Y.

AMATEUR PAY-OFFS

Sirs:
Your article (LIFE, April 30, 1956) on amateur track violations made quite a stir through the track season this past spring, but I feel compelled to write to set one matter straight. The report of my interview by your reporter has obviously, somewhere along the line and in its integration with the article itself, become distorted to the extent that it would appear that I have been misquoted.

I wish to state unequivocally that I have never consciously or knowingly broken the A.A.U. expense-money rules or the spirit of amateur athletics. I have received maximum expenses allowed for track meets in which I ran. Your article does quote me correctly as having stated, "I didn't make a living out of it; when I retired I didn't have five dollars in the bank."

The misconception by you of my remarks becomes even more pointed when you consider my record and reputation in amateur athletics. My love for track and my many years of devotion to the Amateur Athletic Union were completely disregarded in the erroneous interpretation of my remarks. I am now aware of the embarrassment caused the A.A.U. and myself. I trust that you will see fit to allow me to correct the record.

JAMES HERBERT
New York, N.Y.

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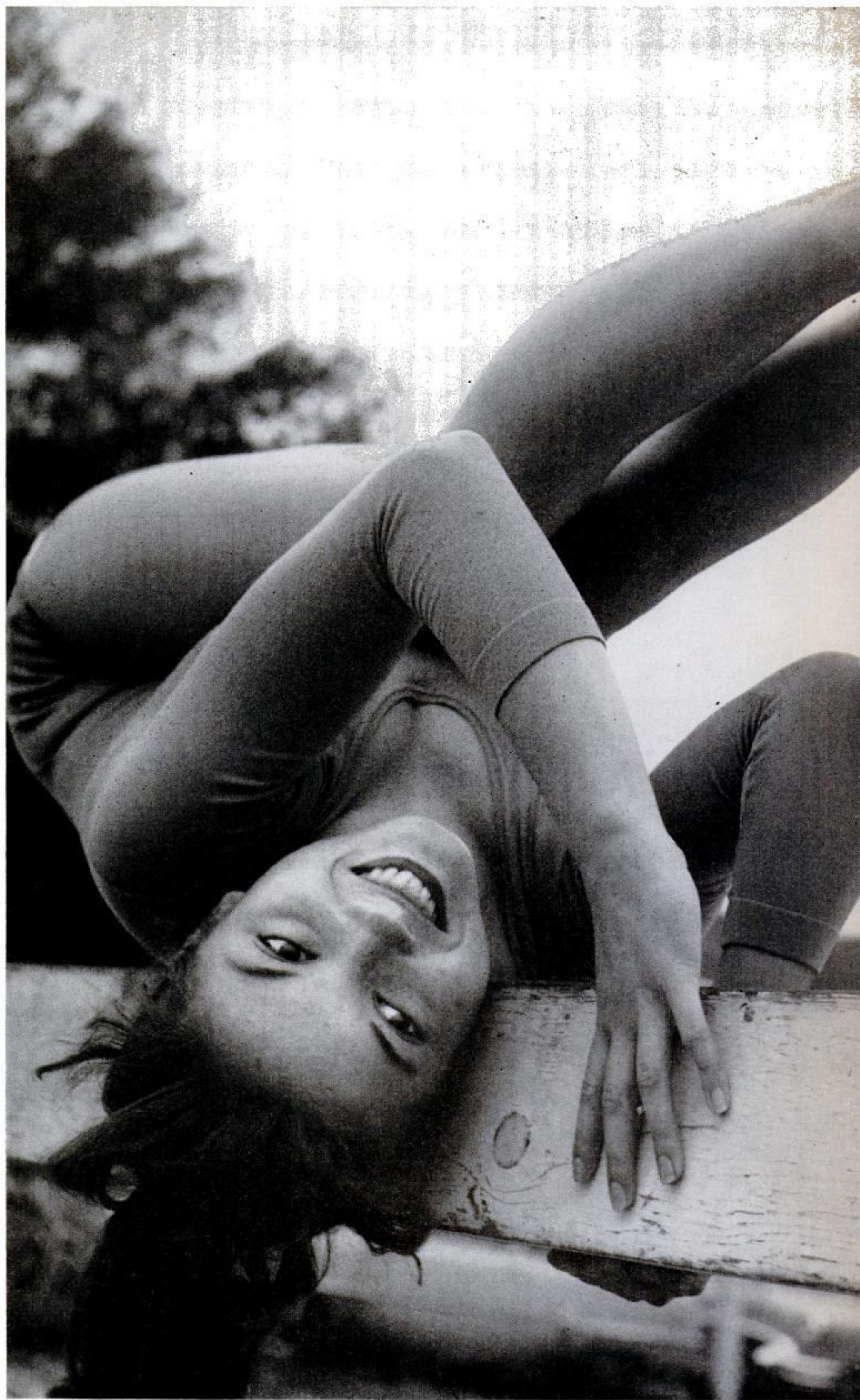


THE RIVALS warm up. Here Muriel Davis watches Ernestine Russell start exercise on balance beam.



IN DELICATE BALANCE, Muriel adopts a swan-dive pose in momentary hold on the parallel bars.

SPEAKING OF PICTURES



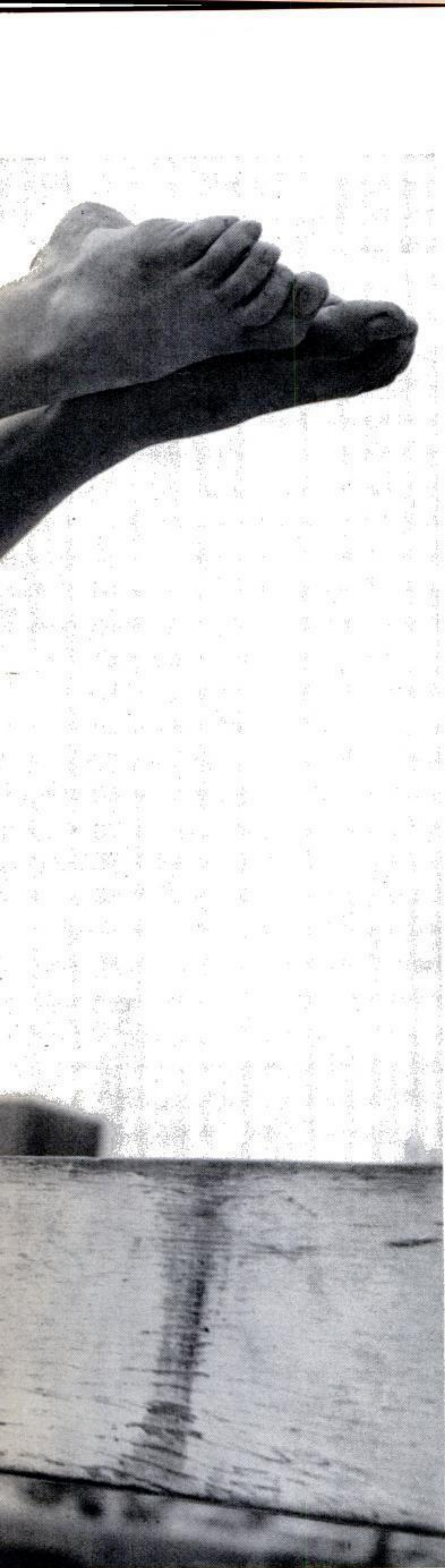
CAPERING ON BALANCE BEAM, MURIEL DOES A BACK SHOULDER ROLL. OPTIONAL IN COMPETITION,

BRACE OF BALANCED

To most Americans gymnastics is an athletic ritual pursued by crackpots, muscle-bound culturists and misguided persons named Ivan. Just how wrong they are is proved by LIFE's Stan Wayman who shows in these pictures that a gymnast can be as graceful as a ballerina

and as appealing as a model in a perfume ad.

Wayman had choice subjects for his camera during last week's National Gymnastic Clinic at Sarasota, Fla. Muriel Davis, 17, the U.S. champion, is a senior in high school whose charm and agility have won her a \$20,000 TV



THE MANEUVER STRESSES BALANCE IN MOTION

BEAUTIES

contract. Her big rival, both in looks and limberness, was Ernestine Russell, 19, Canada's champion and for three years her country's Most Outstanding Amateur Woman Athlete. When it was all over it was only natural that the loser act like a hurt schoolgirl (*next page*).



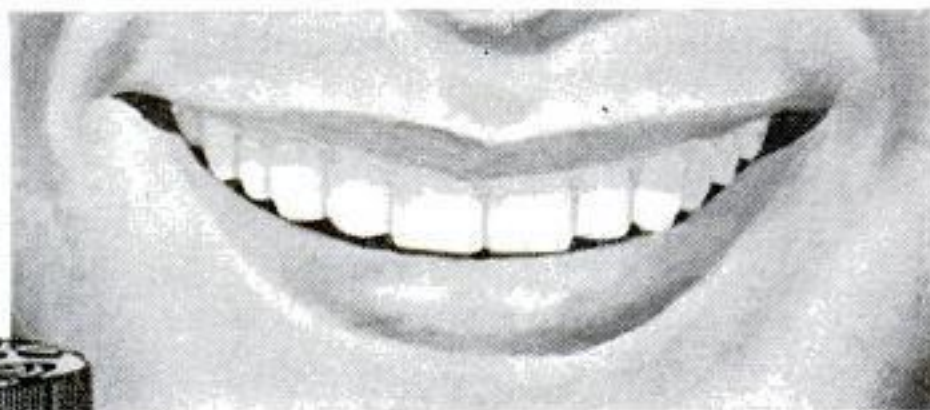
IN STATUESQUE HANDSTAND, Muriel demonstrates optional gymnastic stunt. A dancing pupil

at age 2½, she began gym competition in 1954. She is proud of strong grip—"110 on the grip meter."

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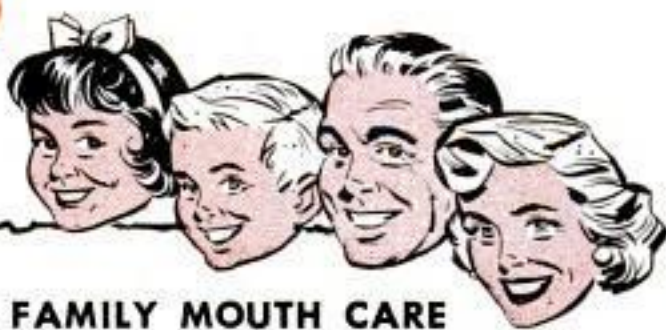
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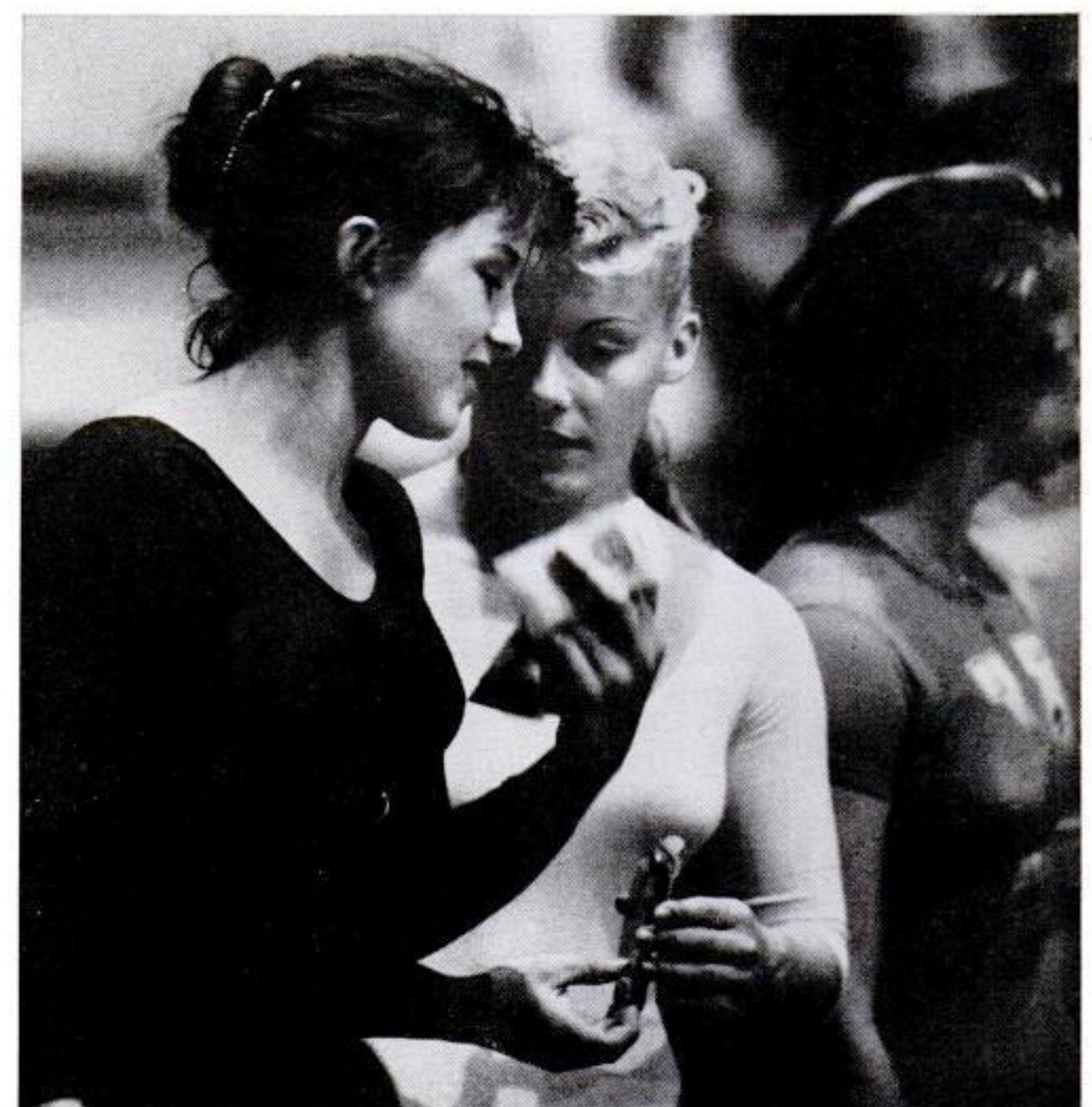
GUMS—Lavoris' astringent action tones gums... helps keep them firm and resistant.

Take a tip from your dentist—use Lavoris, the sparkling red mouthwash that tastes good... does good!

BALANCED BEAUTIES CONTINUED



LEARNING THAT SHE LOST, Muriel cries. Unbeaten in all-around competition since the 1956 Olympics, she lost to Ernestine by less than a point.



COMPARING AWARDS, Muriel, Ernestine meet after judging. The girls expect to compete against each other next summer in a world meet in Moscow.

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TO: THE ADMINISTRATION

FROM: GAITHER ET AL.

CITIZENS GIVE IDEAS IN CRISIS

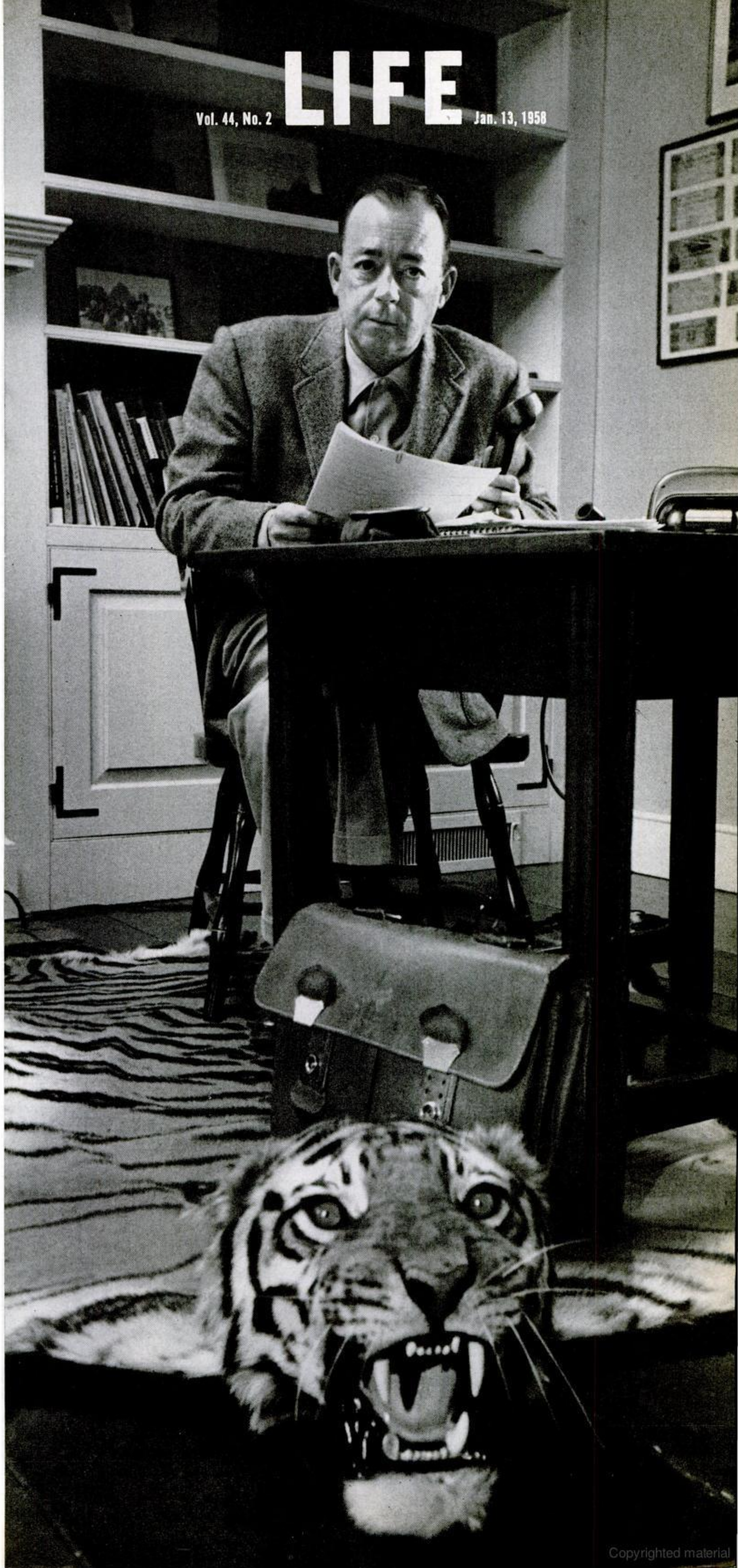
The U.S. entered the year 1958 with violent discussion about government policy which could result in the greatest peacetime policy changes since 1933 saw the birth of the New Deal. Senator Stuart Symington put it this way: "The American people are ahead of their government in realizing that, if they are to remain free, radical changes must be made in both our thinking and our efforts."

Although the senator had been a lonely critic of our defense efforts prior to the Sputniks, he now had plenty of company. And, most significant, the many voices raised in criticism and in friendly advice to the beleaguered Administration were more and more those of citizens, either singly or in committee assembled. Scientists, businessmen, educators and laymen rushed forward with suggestions and pressures for action. One of the first reports bore the name of the quietly thoughtful, hitherto little known figure shown at right, H. Rowan Gaither Jr. He was the original head of a committee asked last spring by President Eisenhower to investigate U.S. defenses against Russia. Completed in November, parts of the still secret Gaither Report have "leaked." It concludes that in 1960 the Soviets will be able to shower us with missiles and urges a huge increase in defense spending—perhaps as much as \$8 billion annually—and an all-out effort to produce massive offensive power. It asks also for a vast (some reports said \$20 billion) network of radiation shelters.

Meanwhile a report initiated by the Rockefeller brothers (*see next page*) was published this week. It clearly said that the U.S. should take itself in hand and spend money for offensive and defensive capabilities in a manner undreamed of before Sputnik.

Other counsel came freely from individuals and groups. Amid this implicit criticism of his administration's leadership, President Eisenhower held his thunder while compiling a State of the Union message. The advance reports indicated that the speech would predict a balanced budget with no increase in taxes and that it would be a call to greatness. All the other voices seemed to be calling for greatness too.

MAN ON THE SPOT, H. Rowan Gaither Jr., 48, works in the Bucks County, Pa. farmhouse where he reviewed final copy of report which bears his name.



EIGHT WHO PLAYED LEADING ROLES ON THE GAITHER REPORT



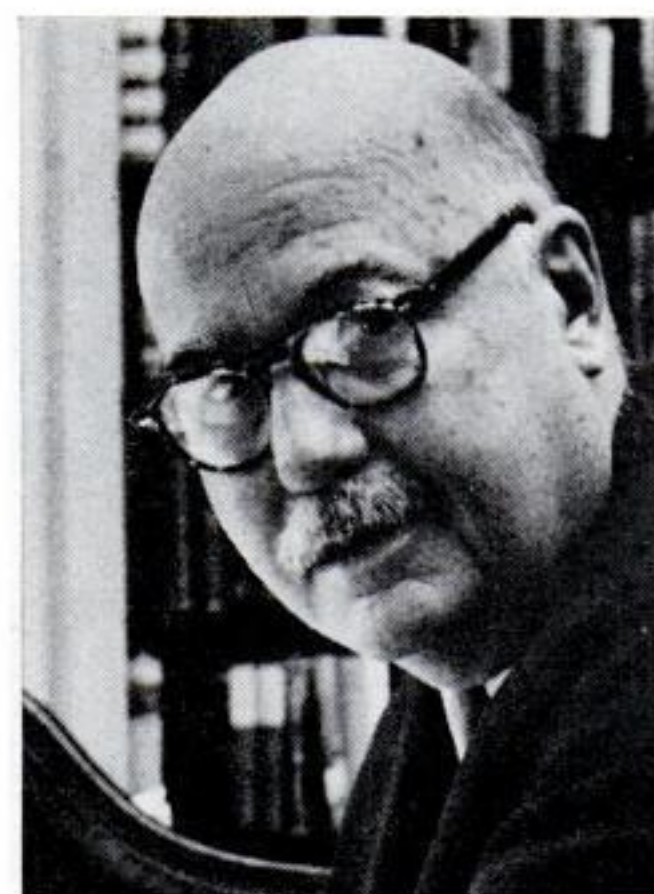
CO-CHAIRMAN of committee after Rowan Gaither took ill was William C. Foster, the executive vice president of Olin Mathieson Corporation.



OTHER CHAIRMAN was Robert C. Sprague, head of Sprague Electric, who finds virtually no one can comprehend power of nuclear weapons.



WEST POINTER, Colonel George Lincoln, head of the academy's social sciences department, served on both Gaither and Rockefeller committees.



EDUCATOR, President James Phinney Baxter of Williams College, wartime deputy director of OSS, played a leading role in writing up final report.



ORIGINATOR of Rockefeller study and president of fund which he set up with four brothers and sister, Nelson A. Rockefeller examines copies of 89-page report.

THE ROCKEFELLER REPORT:

The Gaither Report seemed the more momentous for being cloaked in secrecy. But the findings of the Rockefeller Report seemed no less shocking when they were made public this week. The study on international security was conceived and financed by the Rockefeller Brothers Fund in 1956 as report II of a seven-part examination of the problems and opportunities confronting the United States over the next 10 to 15 years. Like the Gaither group, some of whom are shown above, the Rockefeller panel included many topflight leaders (below). Their report was meant to be released later with the six other studies, but findings seemed so urgent that the fund decided on immediate release. What emerged is a hard-hitting, often eloquent assessment of the U.S. position.

"We are in great peril," says the Rockefeller Report, "and we cannot substitute our preferences for our duty."

"The U.S. is rapidly losing its lead over the U.S.S.R. in the military race. . . . We still possess a superiority in strategic striking power and any Soviet attack on us would meet a crushing reply. But our position a year or two hence depends on decisions which must be taken immediately. Unless present trends are reversed the world balance of power will shift in favor of the Soviet bloc. If that should happen we are not likely to be given another chance to remedy our failings."

"We and the rest of the free world," says the panel, "must be prepared to resist any one of three types of aggression: all-out war, limited war and non-overt aggression concealed as internal takeover by coup d'etat or by civil war. In order to deter aggression, we must be prepared to fight a nuclear war either all-out or limited."

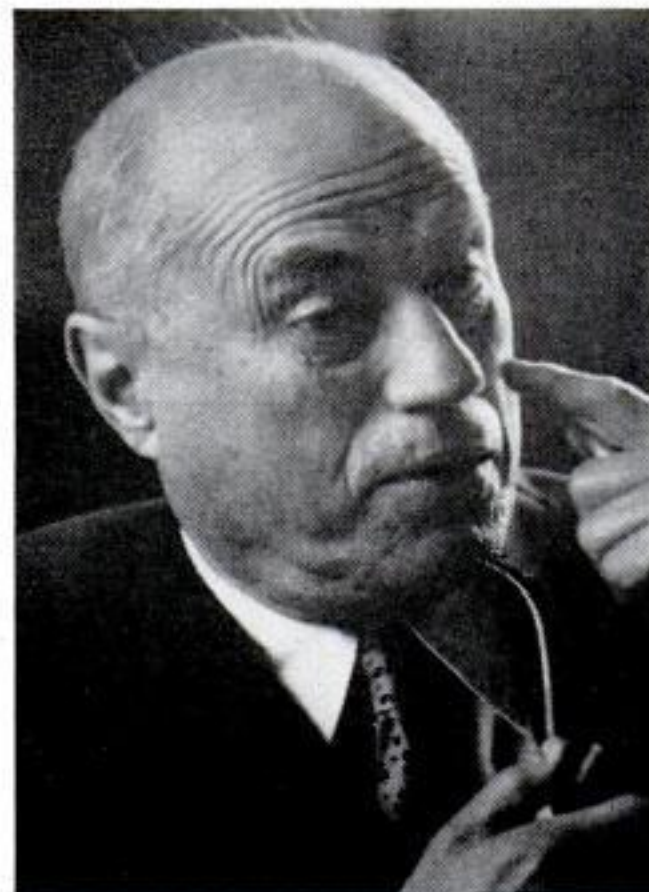
"At present there are major shortcomings in our posture for both



CHAIRMAN of Rockefeller sub-panel until he had a heart attack last fall was M.I.T. vice president, James McCormack Jr., a retired Air Force general.



EDUCATOR, Father Theodore Hesburgh, president of Notre Dame, calls the report "a philosophical approach to the whole problem of power."



LAWYER Frank Altschul, now vice president of Council on Foreign Relations, was primarily concerned with foreign affairs section of the report.



RETIRED GENERAL Lucius Clay, chairman of Continental Can, says likelihood of limited war creates continuing need for conventional arms.



BANKER John J. McCloy of Chase Manhattan, a former assistant secretary of war, says that interservice rivalry "is not healthy competition."



FORMER DEFENSE CHIEF Robert A. Lovett served under Truman, is now a partner in investment banking firm of Brown Brothers Harriman.



PHYSICIST Ernest O. Lawrence, a Nobel Prize winner, director of University of California's radiation laboratory, says, "We must move fast."



DIPLOMACY EXPERT Paul Nitze, former director of the State Department's policy planning, now heads the Johns Hopkins foreign service school.

STERN CALL FOR EXPENSIVE CHANGES IN OUR DEFENSE

all-out and limited war. Our retaliatory force is inadequately dispersed and protected. Our active and passive defense is insufficient. Moreover, we lack mobility and versatility for limited war."

The report finds three basic failings in the U.S. defense organization:

- ▶ "The roles and missions assigned to the individual military services have become competitive, rather than complementary, because they are out of accord with both weapons technology and the principal military threats to our national safety,

- ▶ "The present organization . . . of the Joint Chiefs of Staff precludes the development of a comprehensive and coherent strategic doctrine. . . .

- ▶ "The Secretary of Defense is so burdened with the negative tasks of trying to arbitrate and control interservice disputes that he cannot play his full part in the initiation and development of high military policy."

To correct the failings the report recommends:

- ▶ The military services and their chiefs of staff should concentrate on management and logistics rather than on strategic planning.

- ▶ Operational military forces should be organized into unified strategic commands. Each unified command would be a combined force (i.e., including land, sea and air units) trained to carry out a distinctive task.

- ▶ The staff of the Joint Chiefs of Staff should be organized on a unified basis and placed under the control of the chairman, to assist him in his capacity as principal military adviser to the President.

- ▶ All officers above the rank of brigadier general or equivalent should receive their permanent promotions from the Department of Defense and would become officers of the armed forces of the United States. The procedure would retain the specialization necessary to command specific

units . . . [but] the primary loyalty of all high-ranking officers would transcend service boundaries.

- ▶ The Secretary of Defense should be given direct authority over all research, development and procurement. He should have the right of cancellation and transfer of service programs.

The report makes further recommendations. Among them:

- ▶ Authorize aircraft procurement to modernize existing units and thereby prevent a gap in ready forces between the latest types of manned aircraft and the operational stage of ballistic missiles.

- ▶ Speed development of intermediate and intercontinental missiles.

- ▶ Provide better dispersal and other protection for SAC bases.

- ▶ Establish a retaliatory force of missile-launching submarines.

- ▶ Raise pay scales to retain skilled military personnel.

- ▶ Start without delay on a program of fall-out shelters and related warning and communications equipment for civil defense.

- ▶ Speed up the re-equipping of allied forces. . . .

What will it all cost? According to the report, the defense budget must be increased in steps of perhaps \$3 billion each year for the next several years—and this figure could not begin to cover the necessary increases in mutual assistance and in civilian defense.

"Because we must maintain our present forces . . . even while we go into production on new weapons . . ." the report explains, "the cost of military programs will continue to rise with no leveling off likely before 1965. . . . The price of survival is not low. . . . [But] the increases in defense expenditures are essential and justified provided the greater expenditure is coupled with increased efficiency. We can afford to survive."



INDUSTRIALIST Carroll L. Wilson, president of Metals and Controls Corporation, was formerly general manager of Atomic Energy Commission.



NUCLEAR EXPERT Gordon Dean, once AEC chief, now vice president of General Dynamics, says Charlie Wilson opposed atomic ship, plane.



FINANCIER Bradley Gaylord, board chairman of Pennroad Corporation, was an Air Force general, says report "should not scare people to death."



DIRECTOR of the over-all Rockefeller Fund Project is Dr. Henry A. Kissinger of Harvard, who wrote much of the final version of defense report.

CONTINUED

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A DEFENSE CENTER FOR SCIENCE'S BIG IDEAS

At Princeton meeting called by Physicist John A. Wheeler (second from left), colleagues discuss his proposal for a centralized national laboratory for defense research which would also be a clearing-

house for military ideas from scientists everywhere. From left are: Economist Klaus E. Knorr, Wheeler, Political Economist Oskar Morgenstern, Physicists Marvin L. Goldberger and Eugene P. Wigner.

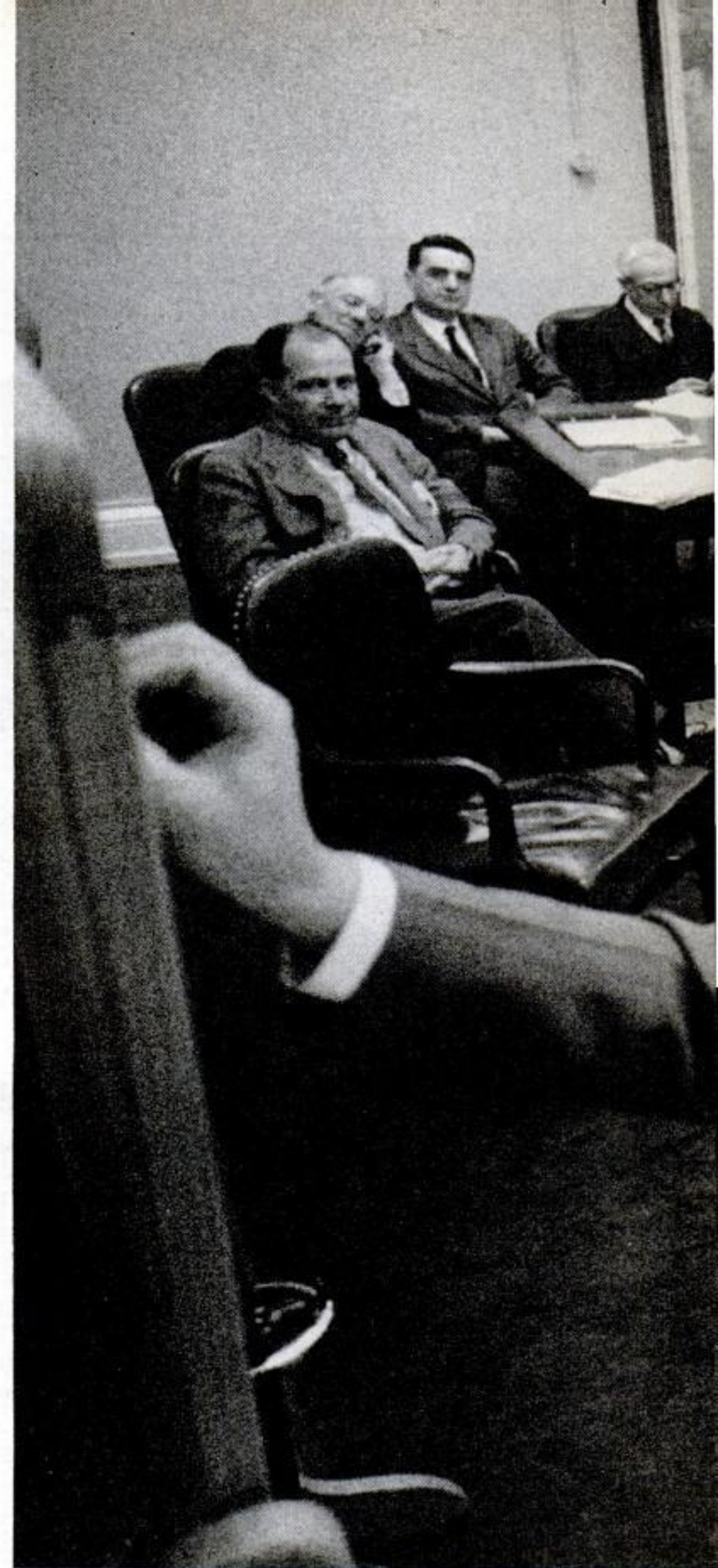
SCIENTISTS: WIDE RANGE OF PLANS

Leading names of science had a quantity of sober advice for the nation last week. Some of them, summoned to Washington (right), gave theirs to the government in quiet secrecy. But scientists like the others on these two pages took advantage of their unparalleled opportunity to speak up and be listened to—and there was no secret about the proposals they put forward. Some of the ideas were new. Others had been urged before, but as they were repeated they were getting serious attention.

Scientists asked for specific and immediate action to provide: 1) a top-level science directorate with power to push a coordinated research program; 2) a way of cashing in on the nation's vast resources of untapped brain power—i.e., keeping in touch with scientists who

are not involved in government programs but are eager to contribute ideas; 3) a revision of security regulations with more emphasis on national security through new achievements than on merely protecting old secrets; 4) a massive and imaginative effort to interest bright young people in science; 5) a big change in the public's appreciation of science, scientists and intellectual attainments in general.

One of the scientists' universal grievances was expressed by a physicist whose project at New York University had run out of government funds. Sitting in his damp, cramped basement laboratory, he said, "Why do scientists have to fight so hard to get money? It makes me so angry," he added, as a cockroach skittered across a technical report, "I could cry."



SCIENCE ADVISORY COMMITTEE to President re-examines nation's science status. At blackboard (foreground) is Herbert York of Livermore Laboratory. Seated around T-shaped table, clockwise from extreme right end: Hans A. Bethe, Cornell; Edward M. Purcell, Harvard; Hugh L. Dryden, National



BETTER USE OF BRAINS

Traveling Caltech scientists, Psychologist John R. Weir (standing), Biologist James F. Bonner (with glasses), and Geochemist Harrison S. Brown, have stumped country pleading for industry and government support of long-range planning for intelligent use of material resources and technical brain power.



EMERGENCY, VISION TOO

Russian-born Chemist Eugene Rabinowitch, editor of *Bulletin of the Atomic Scientists*, says, "National leaders who want to kindle enthusiasm for science must fire American youth with a concept of science as a means for achieving our vision of the future, not merely as an emergency military tool."



WEATHER AS A WEAPON

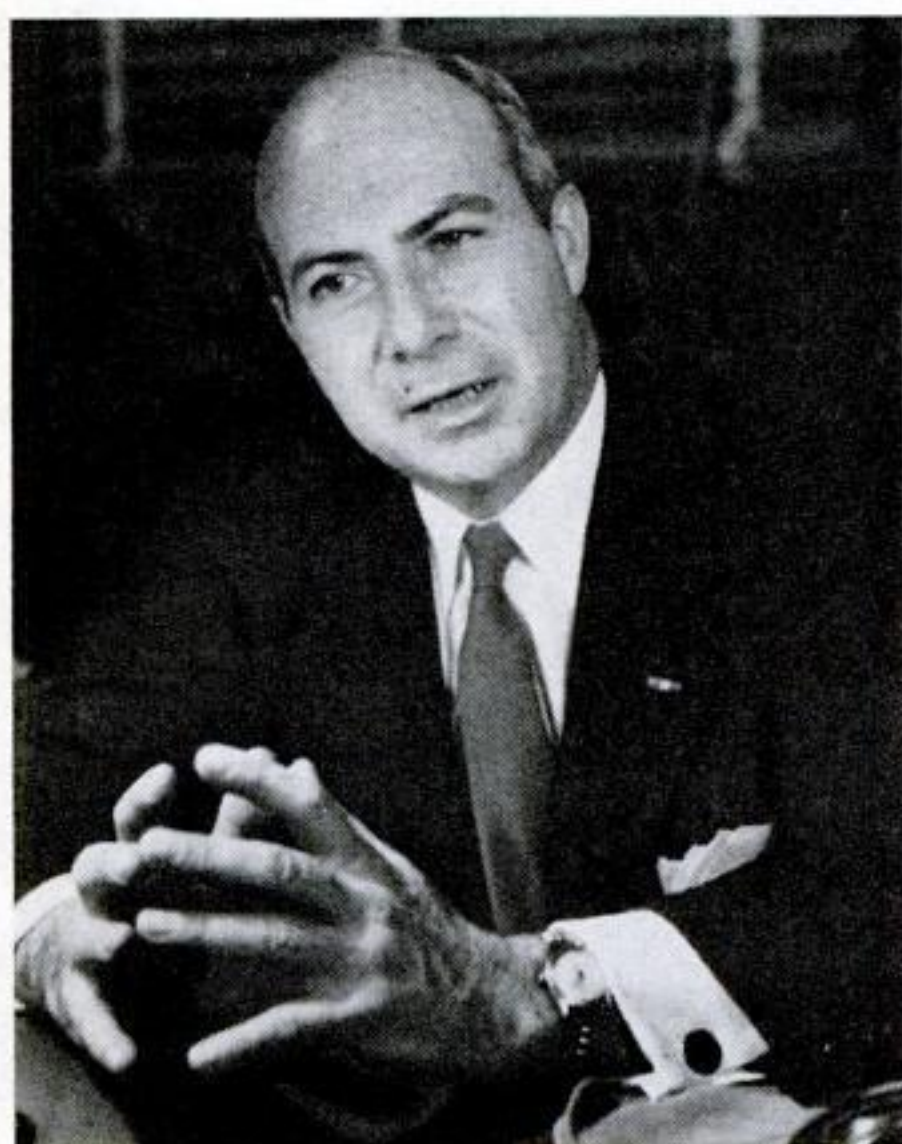
Weather Expert Howard T. Orville, retired Navy captain and now a consultant for Bendix Aviation Corp., warned U.S. to move ahead as fast as possible on a weather-control program. He said that if Russians learn to control weather first "the results could be more disastrous than nuclear warfare."



Advisory Committee for Aeronautics; William O. Baker, Bell Telephone Laboratories (hidden behind York); Alan T. Waterman, National Science Foundation; George B. Kistiakowsky, Harvard; Albert G. Hill, Weapons System Evaluation Group; Detlev W. Bronk, Rockefeller Institute (leaning on elbow);

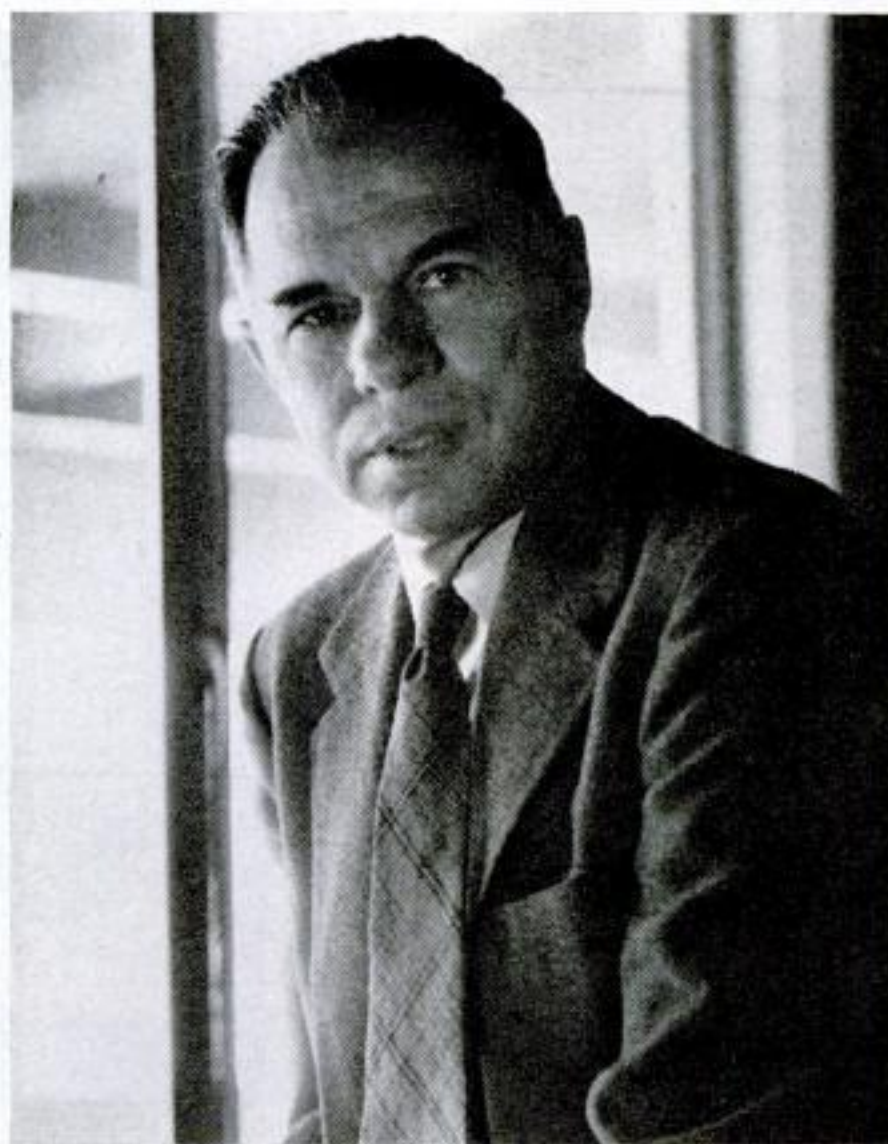
Edwin H. Land, Polaroid Corp.; Former Chairman Isidor I. Rabi, Columbia; Robert F. Bacher, Caltech; Committee Chairman James R. Killian Jr., Special Assistant to the President; James B. Fisk, Bell Telephone Laboratories; Jerome B. Wiesner, MIT (smoking pipe); Jerrold R. Zacharias, MIT; Caryl

P. Haskins, Carnegie Institution; Emanuel R. Piore, IBM; General James H. Doolittle, Shell Oil Co., and Lloyd V. Berkner, Associated Universities, Inc. Seated against right wall are four members of committee administrative staff. Absent: Committeemen H. P. Robertson, Caltech; Herbert Scoville Jr., CIA.



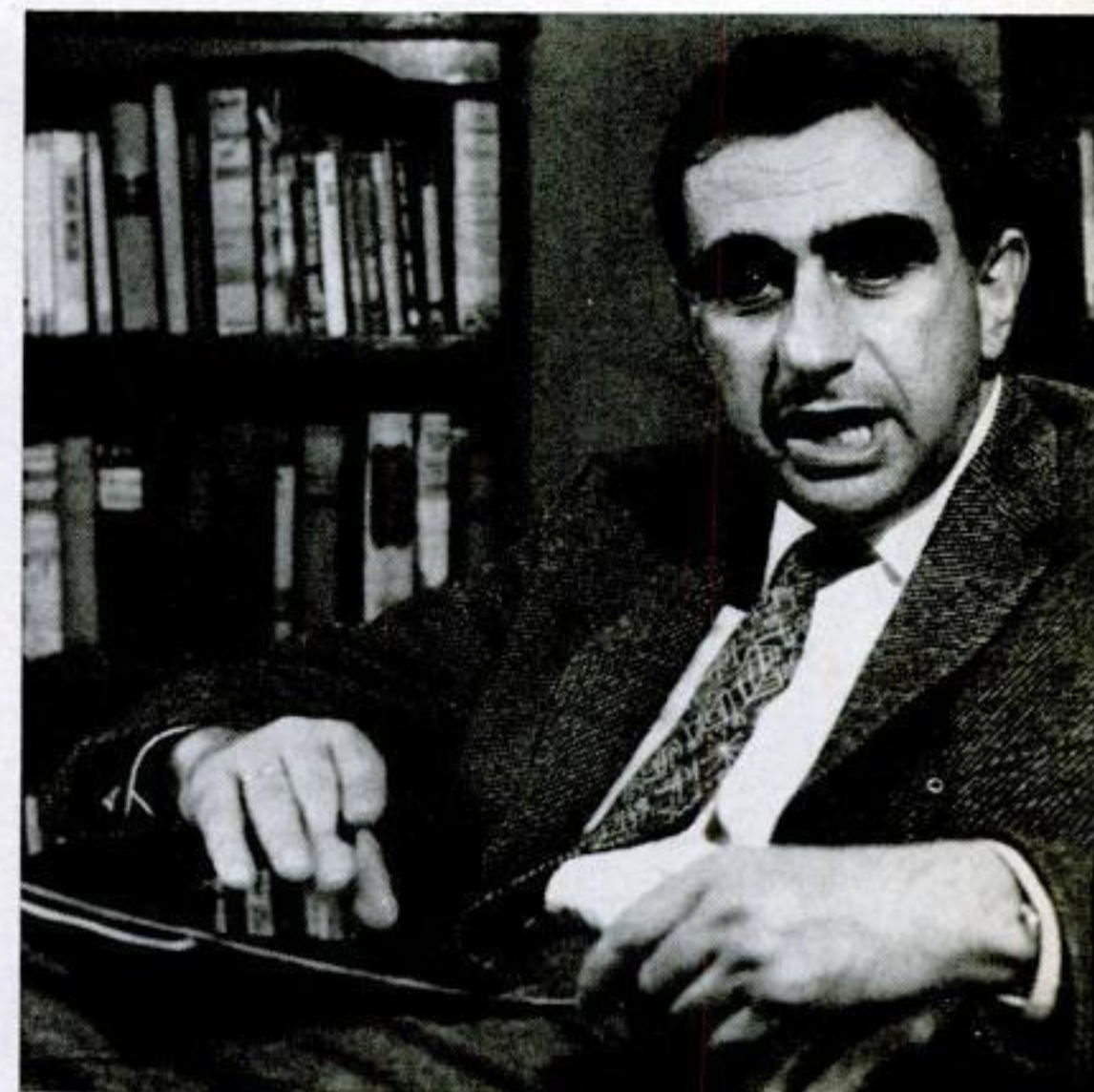
CABINET RANK FOR SCIENCE

Engineering Dean John R. Dunning of Columbia University urges reducing many scientific committees with mere advisory powers. He would replace them with a Cabinet-level research directorate armed with authority, money and duty to push through a vast complex program with maximum efficiency.



NEW IMAGE OF SCIENTISTS

Nobel prize-winner Glenn T. Seaborg, co-discoverer of seven chemical elements, says public must revise popular image of scientist as "queer" and "square." He points out average scientist is actually "revoltingly normal" in his habits, and that his intellectual curiosity is one of the highest qualities of mankind.



BIG GAMBLE ON NEW IDEAS

H-bomb Scientist Edward Teller, a leading proponent of a fallout shelter system, calls for greater willingness to gamble large sums of money on research programs. He wants science to be built up—like baseball—to have its share of fans and glamor so schoolboys will not be ashamed of enjoying studies.



REGULAR HIGH SCHOOLS FOR BRIGHT PUPILS

Dr. James Bryant Conant, former president of Harvard, is a long-standing advocate of better opportunities for academically talented students and in 1950, as a member of the Educational Policies Commission, he was one of the first educators to draw attention to the problem. Currently in the midst of a two-year survey of high schools across the country, Conant thinks that the gifted can best be served in strong, special programs within the regular high school setup.



FOR BRIGHT PUPILS, ELITE HIGH SCHOOLS

Rear Admiral Hyman G. Rickover, who fathered the atomic submarine, is a violent critic of U.S. educational practices. He fears that over-all reform of U.S. education is now hamstrung by controls at local levels, and urges a private council of scholars to set uniform standards for high schools and high school teachers across the country. One of his most radical proposals so far is the creation of 25 elite high schools where gifted children will be educated separately.

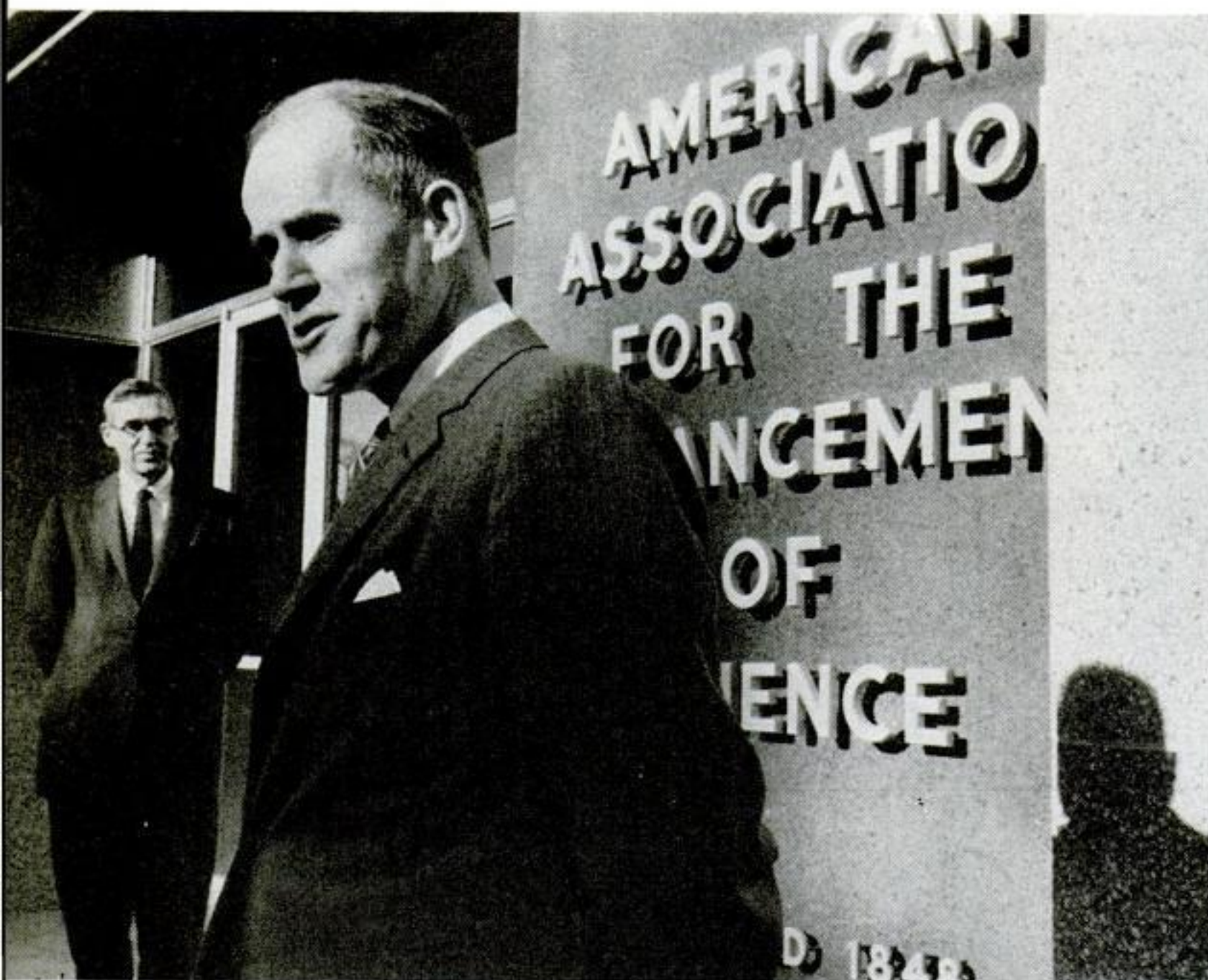
EDUCATORS: PLEAS FOR BETTER MATH AND U.S. BILLIONS

Some highly articulate citizens, whose well-meaning arguments always seemed fated to fall on deaf ears, were enjoying a taste of triumph. They are the nation's educational leaders, an assortment of businessmen, military men, college presidents and foundation officials, who for years have tried to rouse the country into putting some muscle into its flabby educational system. Suddenly their old ideas and the new ones they were encouraged to advance became of prime importance to the public.

Last week the Administration finally showed that it, too, was paying some attention, when President Eisenhower approved a plan proposed by Marion B. Folsom, Secretary of Health, Education and Welfare. The plan calls for a four-year program, to cost \$1 billion, which would promote a nationwide academic talent hunt, beef up science and math in public

schools and try to pull more graduate students into college teaching.

Educators were pleased, but many cried that it was a case of too little, too late. One group had already done better themselves: the Ford Foundation had handed out a whopping \$260 million to boost college faculty salaries in a single year. Others had more ambitious ideas. The Educational Policies Commission demanded a massive national expenditure in other fields besides science and math. The National Education Association immediately started to lobby for a \$5 billion-a-year program of its own. Even Congress, not too generous in the past, seemed ahead of the Administration. Democratic Senator Lister Hill and Congressman Carl Elliott announced that they would introduce bills for 40,000 federal scholarships a year, as against the Folsom plan's more modest 10,000.



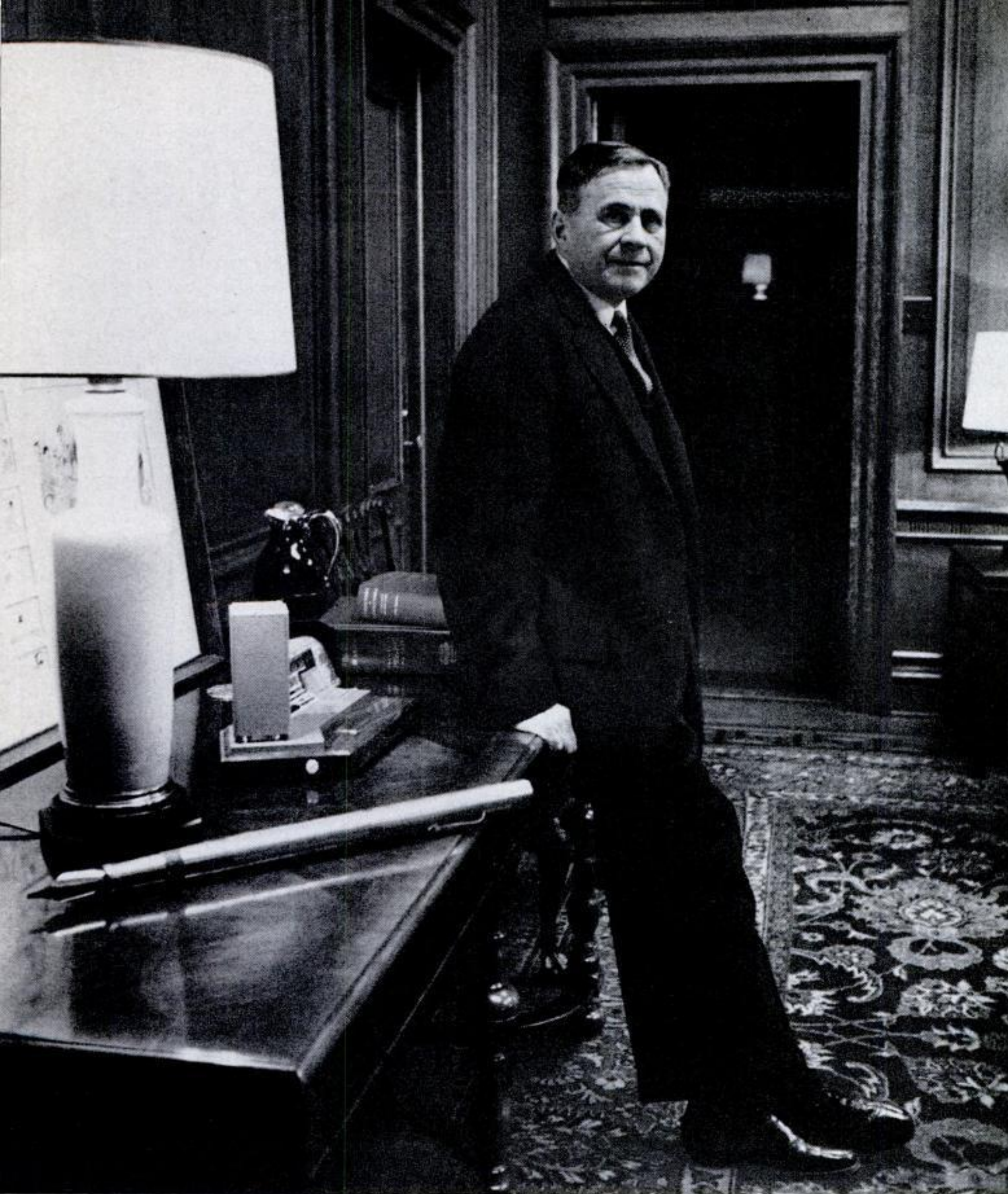
CRUSADE FOR BETTER SCIENCE TEACHING

Dr. Wallace Brode (*foreground*) and Dr. Dael Wolfe are president-elect and executive officer of American Association for the Advancement of Science, which, since it represents 279 societies and 56,000 individual members, is organized science's biggest voice. The A.A.S. has for years urged better science teaching, has traveling experts in four states to advise high schools on science and will hold a conference shortly devoted largely to strengthening science education.



WARNING AGAINST SCIENCE FAVORITISM

Dr. Herman B. Wells, president of Indiana University, is chairman of nongovernment Educational Policies Commission, which last week proposed that the nation double its annual education expenditure of \$15.7 billion by 1968. The commission, which is sponsored partly by N.E.A., also specifically cautioned against raising salaries of science and math teachers above average level—mentioned as possibility in the Folsom proposal—as ruinous to the morale of other teachers.



THE REPORT THAT RESULTED IN THE FOLSOM PLAN

Devereux C. Josephs, board chairman of the New York Life Insurance Company and one of the most influential laymen in education, headed the President's Committee on Education Beyond the High

School. Last July his committee called for doubled faculty salaries and urged a nationwide campaign to recruit college teachers. His report was the starting point of Administration's Folsom plan.



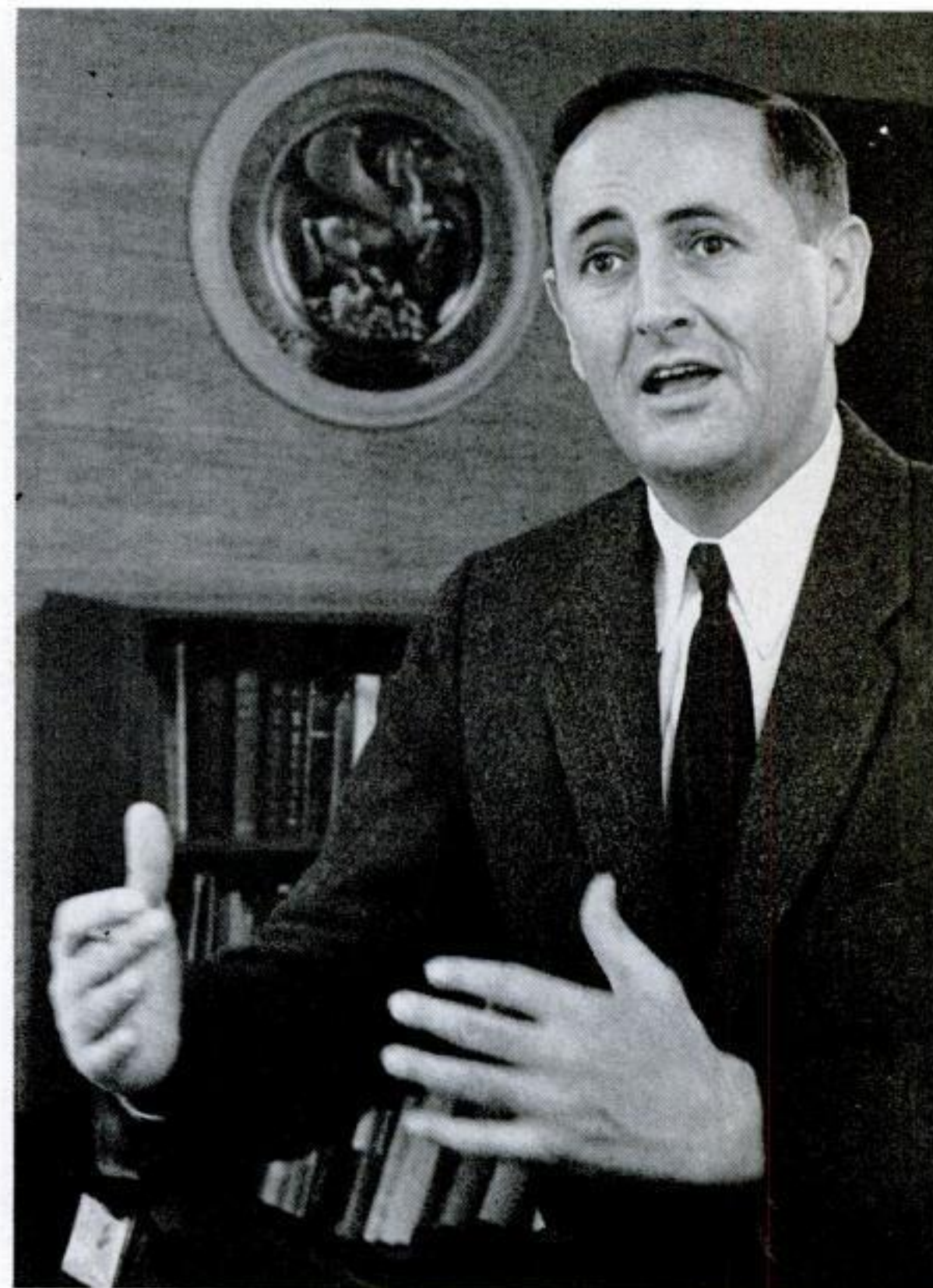
ATTACK ON INCOMPETENCE

Dr. Lee A. DuBridge, president of the California Institute of Technology, thinks many science and math teachers are incompetent because they are inadequately prepared. He wants to up math and science requirements for teachers. More knowledgeable teachers, he says, will make both subjects popular.



COUNTERPLAN TO FOLSOM'S

Dr. William G. Carr, executive secretary of the National Education Association, thinks Folsom plan inadequate and will plug his own program, which would ultimately cost \$5 billion a year. It calls for grants to states, on basis of \$100 per school child, which states would use for educational purposes.



AN UPGRADING FOR MATH

John W. Gardner is president of the Carnegie Corporation of New York, which supplies funds for the study of educational administration and the improvement of mathematics teaching in high schools. One grant is backing a University of Illinois project to renovate the entire high school math curriculum.



MORE TIME FOR TEACHING

Clarence H. Faust, president of the Fund for the Advancement of Education (a division of the Ford Foundation), spends fund's money on programs like teacher training, educational TV and teacher aides. Faust thinks teaching should be made more attractive by eliminating clerical and janitorial duties.

LOYAL OPPOSITION: MEMBERS HAVE AND WILL HAVE PLENTY TO SAY

The nation's troubled voices, making the reports and responding to them, were directed toward the Administration—and there the voices of the Congress were already being heard. The ones that spoke first and loudest were those of the Democrats, who control both Senate and House.

The views of the three leading Democratic senators below were aired in public discussions and in a closed party caucus. The Senate majority whip, Mike Mansfield, was calling for a civilian missile agency comparable to the AEC. Mississippi's John Stennis was pounding at the immediate need for an operational ICBM. Stuart Symington insisted "there must be major changes in the structure of the Department of Defense."

But the man who may seize leadership from Eisenhower is Lyndon Johnson, who plays a unique double role as Senate majority leader and as chairman of the Senate Preparedness Subcommittee investigating the

defense program. For the party caucus Johnson had prepared a preview of his committee's report: Russia is ahead of us in missiles and could hit any U.S. city; SAC is badly maintained and steadily losing its best pilots for lack of funds; the Administration has failed to evaluate properly Russian strength, to spend enough for research or to quell interservice rivalries. Johnson's recommendations agree in many instances with those of the Rockefeller report.

The Democrats, taking a statesmanlike view of the defense crisis, were also well aware that the issue was hot anti-Administration ammunition. And this is an election year. This session now being called the "Sputnik Congress" may produce a lot of political sputtering. One Republican senator looked for a "rough, tough and nasty" session. But it seemed beyond question that Congress would vote a big increase in defense funds.

SENATOR MIKE MANSFIELD (LEFT) JOINS TWO OTHER DEMOCRATIC DEFENSE EXPERTS, STUART SYMINGTON, JOHN STENNIS, BOTH ON JOHNSON COMMITTEE



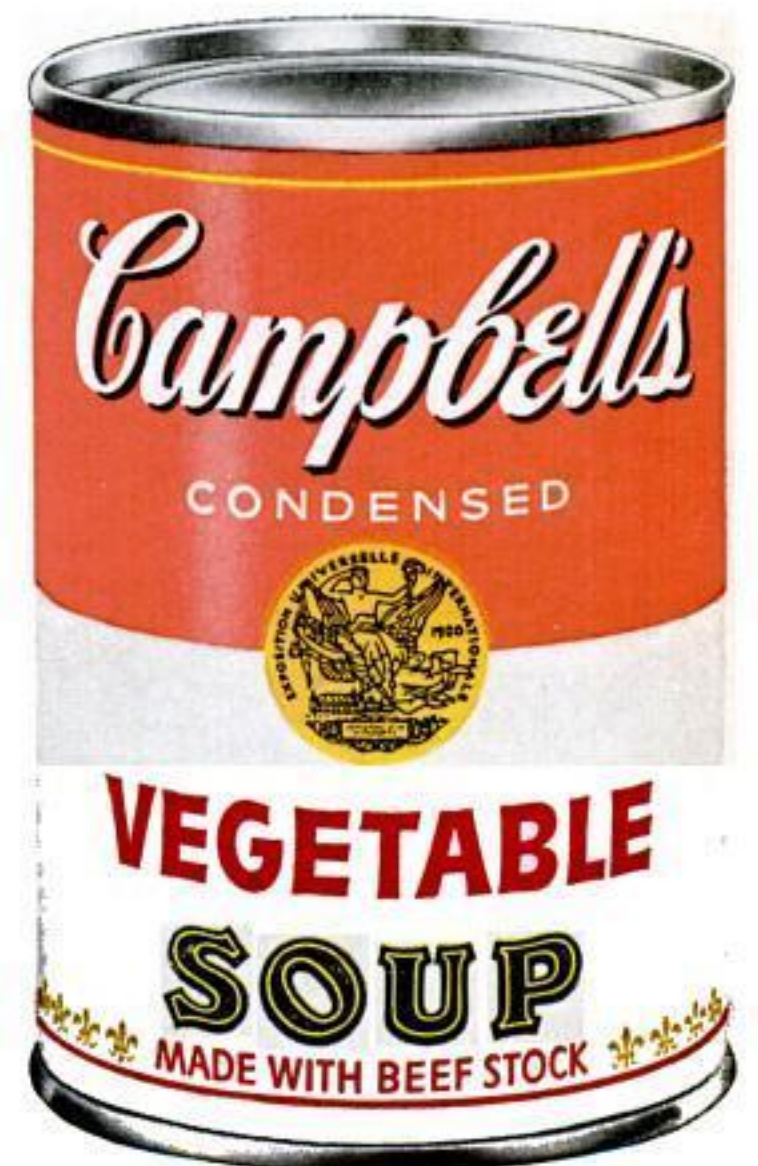


4-minute magic—pennies a plate*!

Every day, millions of Americans have Campbell's Soup for lunch, —and for more than one good reason. Campbell's Soups are hearty and satisfying . . . just right for noontime appetites. There's a soup to suit your taste . . . meat soups, vegetable soups, seafood soups. And they take only 4 minutes to make!

One of the best soup lunches you can have is Campbell's Vegetable Soup. 15 pick-of-the-garden vegetables in fine beef broth, seasoned just so! And it's *nourishing* good! Gives you proteins, vitamins and minerals!

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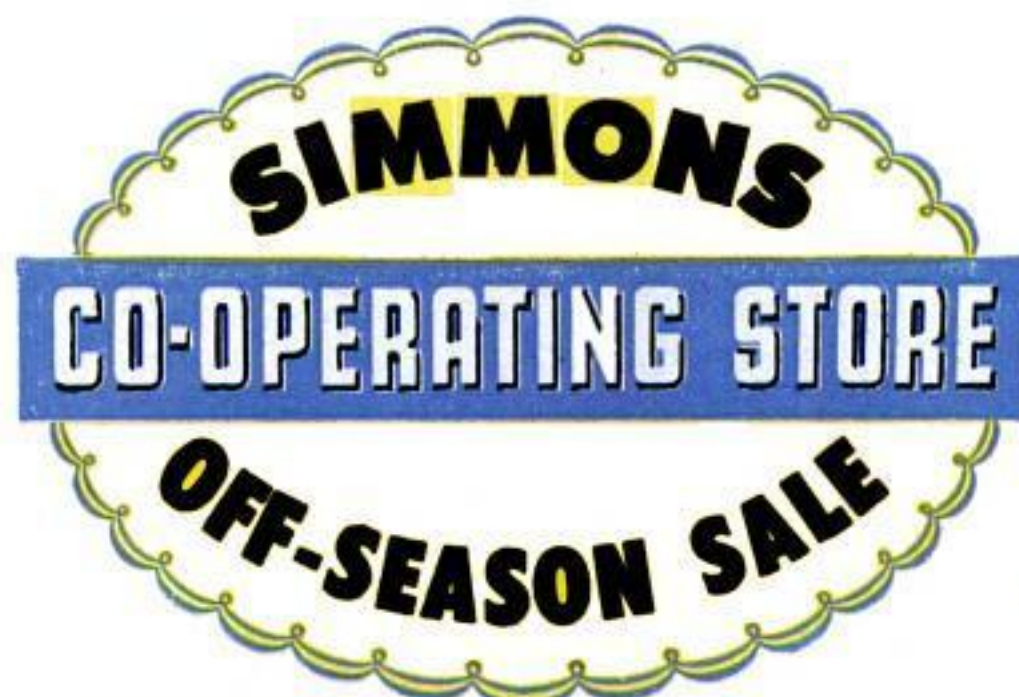


*Campbell's Soups cost you less than 7¢ a bowl—such a good value in pleasure and nourishment.

Have you had your soup today?

SIMMONS "OFF

Save!



Save!

Look for this money-saving seal . . .
Found only at cooperating Simmons stores



Compare! Compare with any other mattress priced so low!

"OFF-SEASON" PRICE

\$39⁹⁵

During January Only Twin or Full-Size
Matching Box Spring Foundation . . . \$39.95

TERMS as low as \$1.00 a week after small down payment

SLUMBER TIME MATTRESS—Big Value for Thrifty Shoppers

Top value at bottom price • Engineered for years of comfort and wear
Only Simmons production can make this mattress at this bargain price

Hundreds of firm, resilient springs • Sturdy pre-built border • Cord handles for easy turning • Eight fresh-air ventilators • Durable striped cover

SEASON" SALE!

**Huge mattress savings during January only
and only at leading cooperating SIMMONS stores**

Anyone in the bedding business can tell you this . . .

People just don't buy as many mattresses during November and December as they do the rest of the year . . . what with all their other holiday gift-buying.

But Simmons, the world's largest mattress maker, must keep the thousands of trained craftsmen in its many factories busy throughout these off-season months.

So Simmons planned ahead. To maintain top production, they drastically cut prices on two outstanding mattresses and wired leading stores to cooperate.

These stores knew the mattresses . . . knew the values . . . and saw the low, low prices. They ordered "off-season" and are passing their savings on to *you* in January. Save now! And *only* at leading stores displaying the seal of Simmons "OFF-SEASON" Sale!



Compare features with other makers' \$79.50 mattresses!

"OFF-SEASON" PRICE

\$59⁹⁵

During January Only Twin or Full-Size
Tufted or Tuftless
Matching Box Spring Foundation . . . \$59.95

TERMS as low as \$1.50 a week after small down payment



Choice of button tufted...or smooth tuftless top. Pick the model that suits you best at the same low price!

SUPER SLEEP-GUARD MATTRESS—Better Quality . . . Biggest Savings!

The ultimate in comfort and craftsmanship • Second only to the wonderful Beautyrest* • 312 firm springs precision-joined with Auto-Lock construction

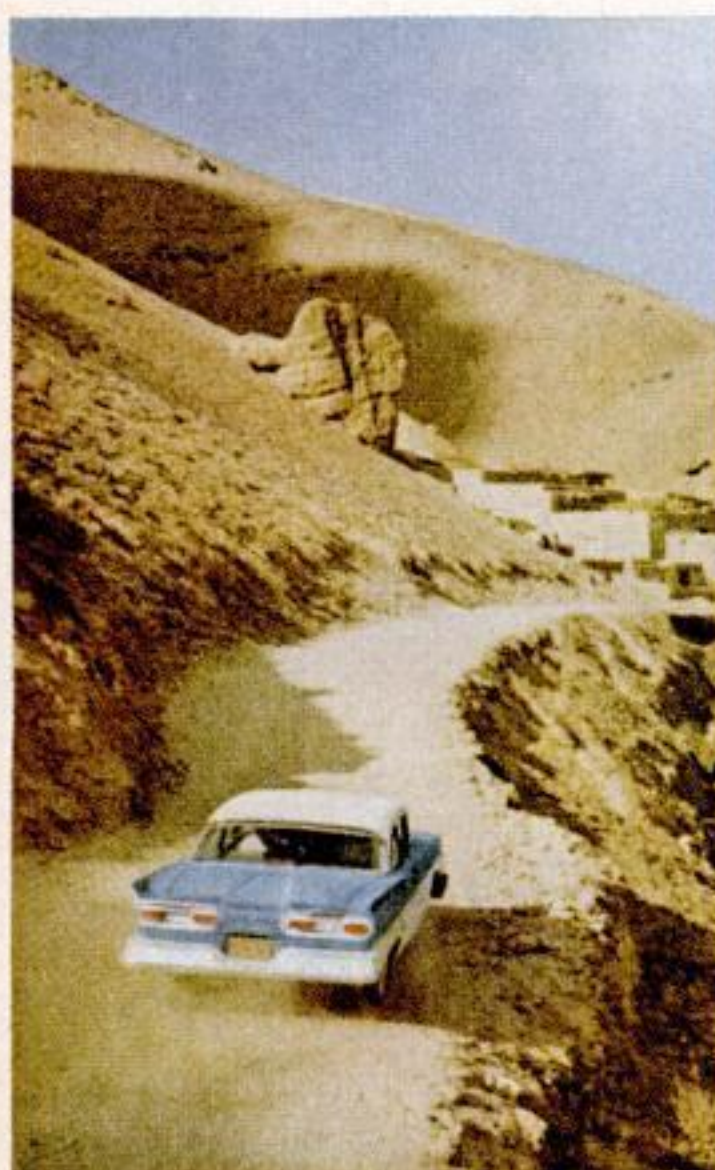
Pre-built "Crushproof" border • All-felt upholstery • Cord handles
Eight fresh-air ventilators • Long-wearing cover • Tufted or tuftless

*Trade-mark Reg. U. S. Patent Office, Copr. 1968 by Simmons Co., Mdse. Mart, Chicago, Ill.



Here's the 58 Ford in Turkey, on its way around the world. Thousands of rugged miles like this proved the performance of its new Interceptor V-8 engine.

Nothing newer in the world of power



In Afghanistan, the comfort and sure-footed going of Ford's new suspension was as welcome as the Interceptor V-8's extra power.

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Ford's powerhouse, the Interceptor V-8, is the first new engine ever proved around the world. What makes this V-8 great is a totally new system of fuel-air delivery . . . Precision Fuel Induction. It's like a super-highway with eight expressway lanes as opposed to a narrow winding road. Fuel-air traffic flows directly, more efficiently to each cylinder so that your new Interceptor V-8 engine responds quicker, runs smoother . . . far longer . . . far thriftier, too! Ask your Ford Dealer for an Action Test.

PROVED AND APPROVED AROUND THE WORLD

58 FORD

The first car ever to use the whole world as a test track



Stop and Go in San Francisco is a breeze for the Interceptor V-8, proved decisively around the world. With new styling, new feather-touch Magic-Circle steering, optional new Cruise-O-Matic Drive and Ford-Aire Suspension . . . there's nothing newer, nothing finer in the world!

THE DEFENSE CRISIS AND THE BUDGET

The entire U.S. defense setup has lost the confidence of many sober and knowledgeable citizens (*see pp. 13-15*). We have spent over \$400 billion on it since World War II; yet these critics tell us that we are in mortal danger, that we are not organized to fight a war, and that the Soviets are winning the arms race. To allay these doubts and correct this trend is therefore our first order of business in 1958. Not because Americans relish war but because, unless we are seriously prepared for war, our chances of peaceful progress against both war and Communism will go glimmering.

Next week the Eisenhower administration presents its new military budget for fiscal 1959. If supplements to the '58 budget are included, reports presage a \$40 billion rate of spending, some \$2 billion greater than that of the last 12 months. Most of this increase is for speeding up missiles and research. It will be generally welcomed by those who think U.S. defense is in crisis, but it will not satisfy them. The new budget does not represent the radical shift in strategic thinking these critics want.

President Eisenhower knows this; he does not favor a radical shift. Recalling the Anglo-American invasion of Hitler's Europe, he recently told his staff, "You know, boys, when you have worked out a good sound plan at a time you were able to be calm, the soundest policy is to stand by it." He has worked hard for five years for a *stable* level of defense expenditures, a level the economy "can live with" and the military can rely on.

A layman's judgment is not worth much on whether a \$40 billion budget is adequate to the strategy behind it. But he can assess that strategy—and he can understand in general why the budget is as big as it is. Practically half of our budget is spent by the Air Force. And most of this half is spent by SAC, which can obliterate Soviet society and is therefore counted on to deter Soviet H-bombs or missiles from obliterating ours.

This deterrent strategy is unusually expensive for several reasons. First, it requires constant readiness and allows no time for mobilization. At this moment, and at every moment, SAC bombers are in the air, armed with nuclear bombs and tentatively assigned to Soviet targets. Second, it puts us in a technological weapons race that can never be frozen. Manned bombers are already obsolescent by ICBM standards, and yet we must now replace SAC's B-47s and B-52s with supersonic B-58s (on order) and the barely designed Mach-3 "chemical" bomber, while at the same time we make our way into the even more expensive missile era. The Russians, who can rely on our never attacking them by surprise, can short-cut some of these stages; we can't. Said the new Defense Secretary last week, "The cost of supporting predecessor and successor systems is extreme. We may have to change our way of life."

By this Neil McElroy meant higher taxes. The most obvious alternative to much higher taxes, while maintaining the deterrent strategy, is to keep some kind of lid on the budget by savings elsewhere.

The first place to look for savings is the Pentagon itself. It is an outrageously wasteful place, and the recently intensified interservice elbowing at the threshold of the missile era makes it more wasteful than usual. The Rockefeller panel is not the first body to call for its thorough overhaul. The Johnson subcommittee on preparedness is considering several reorganization plans; so is McElroy himself. But since the dollar savings would be but an uncertain by-product of such a putative reorganization, the Administration meanwhile keeps its downward pressure on the defense budget as a whole. With SAC and deterrence necessarily occupying a central place in

our strategy, this downward pressure tends to starve out certain other strategic considerations, regardless of their importance.

One of these is the strong possibility of small wars in which SAC would be either useless or inappropriate. The stalemate in all-out deterrence makes it all the likelier that the Communists will proceed slowly toward victory by resorting to limited or peripheral uses of force, as they did against Hungary in '56 and threatened to do against Turkey last winter. That is why the Rockefeller panel following Henry Kissinger (*see his Nuclear Weapons and Foreign Policy*) argues that all-out war "does not represent the most likely threat," even though (or perhaps because) it preoccupies Pentagon thinking.

It preoccupies everybody, indeed, by its very horror. The president of Germany, Theodor Heuss, declared last week that since war today is "a declaration of political bankruptcy," the old Clausewitz theory of war as a branch of politics "has crumbled in its inner meaning." But there is no evidence that the Soviets agree with Heuss; quite the contrary. Lenin, a great admirer of Clausewitz, declared that "war is part of the whole, the whole is politics" and modern Communist military theory supports him. The Soviets have the doctrine, the capability and the will to launch small, probing wars. By neglecting our capacity to deal with such wars, we give them also the incentive.

To deal with such wars is particularly the mission of the Navy and Army, both cut back in recent years to make budgetary room for SAC. Because the atomic submarine shows such promise as a missile carrier, the Navy is fairly well treated in the '59 budget. Not so the Army. In a strategy of alliances, a modern U.S. Army should have much the same function as the U.S. Marines—an airborne mobile readiness for duty anywhere, including tactical nuclear action. The Red army is now getting this kind of training and equipment. But our highly trained units are neither as numerous nor as mobile as they should be: we could not put on a respectable air lift without diverting planes from SAC's indispensable mission. Warns General Gavin, the Army's outspoken research chief who has abruptly announced his retirement, "A military establishment that cannot deal with small wars invites general war"—either that, or, as the Rockefeller panel puts it, defeat "by instalments, any one of which does not seem to warrant a final showdown."

The strategy of deterrence raises still other debatable aspects of the '59 military budget. Fall-out shelters, though very costly, might in case of a nuclear holocaust make the difference between the survival of 30 or 40 million Americans, who might reconstitute a nation, and the survival of very few. Both the Gaither Report experts and the members of the Rockefeller panel think we need shelters. The opinion of experts may be popularly overridden but should not be ignored.

Thus the Eisenhower defense policy may be credited with having done its best by instant retaliation but accused of letting the budget ceiling rule too many other strategic considerations. A budget ceiling is important, but if survival is really at stake it must be seen in perspective. If we start building toward a total budget of \$54 billion by 1961, that would still represent a mere 12% or 15% of our probable gross national product (the Russians spend much more of theirs). And if higher taxes are necessary, there are plenty of ways to raise them. Even then victory would not be certain. But we and our allies would at least be in a stronger position to take those political and economic steps which might ultimately persuade the Communists that freedom is in business for keeps.

ROME BURNS AS DIVA QUIT

Callas stirs up oldtime tempest

"Lo! she comes, and Rome's bright star declines," a chorus of druids sang last week as stormy-tempered soprano Maria Callas made a first-act entrance in Rome. She was singing the title role of *Norma* on opening night at the opera, and the words turned out to be prophetic. The high-priced Callas launched into the lovely *Casta Diva* aria and soon there was trouble in Rome.

It began when she ended the aria—and heard boos among the bravos. Though shaken, she finished the act. But in her dressing room Callas decided she had a throat infection and that she was not going back. After the intermission had dragged on 45 minutes, Italy's President Giovanni Gronchi and a restive crowd of elegant first-nighters who had paid \$40 for seats, were told the show would not go on.

Callas is notorious for her tantrums and has stranded audiences before—in San Francisco, New York, Edinburgh and in Athens—though never after the show started. This time she started a near-riot. Opera buffs surrounded her hotel, shouted for her to get out of town. The opera talked of suing her. Her husband said nothing could keep her from a concert date in Chicago January 21. Some Romans blamed it all on Madame Callas' New Year's Eve revelry. One editorialist defended her, writing "her art needs caprice," a view which fits nicely with thousands of opera fans who think the tempestuous soprano is the only diva who still has the traditional flamboyant touch. But one maid in her hotel, positive Maria had not lost her voice, claimed, "I heard her screaming at a waiter."



CALLAS WALKS OFF, leading the cast of *Norma* singers from the stage after first-act curtain calls.

After locking herself in her dressing room, Callas fled to her hotel through an underground passage.



CALLING IT QUIT, Callas complains she is unable to go on as friend Elsa Maxwell consoles her.

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Complexion Dial's gentle new Skin Freshener—Super AT-7—does what no ordinary soap, no drying synthetic, no greasy skin cream can possibly do! Sweeps away bacteria that so often spoil your complexion—without drying, without greasing your skin!

Then, Complexion Dial's new Skin Freshener *stays on* your skin. You can't see it or feel it. But it's there, protecting your complexion all day—even under make-up!

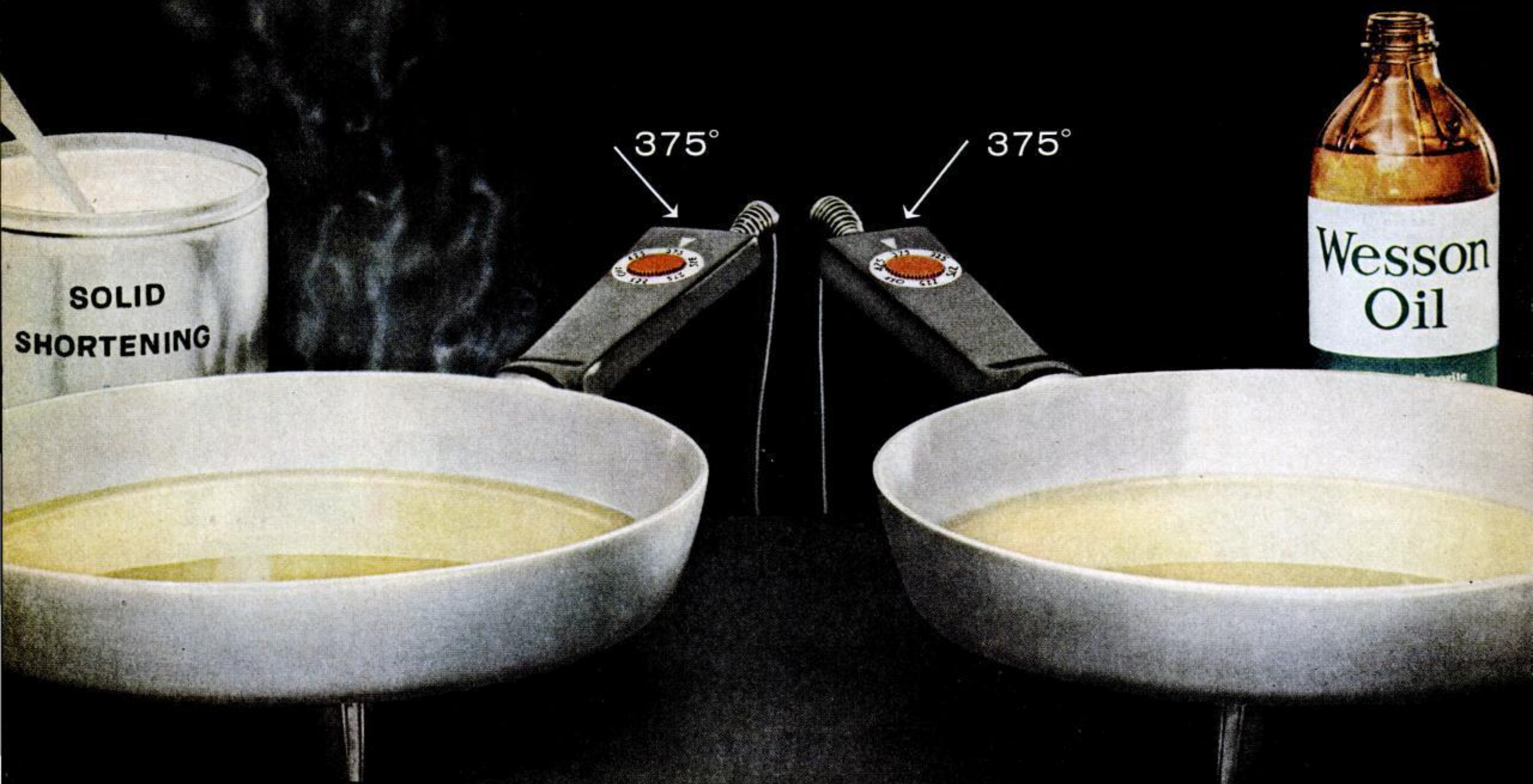
Today, buy Complexion Dial in colors—by the color of its gleaming new wrapper.



Pure luxury...sure protection for
the beauty of your complexion!

Wesson[®] Oil

takes the smoke out of frying!



SOLID SHORTENINGS SMOKE BECAUSE they contain an emulsifier. This additive is good for baking, but smokes at frying heat. Shortening that smokes is breaking down, and that can hardly be good for you.

WESSON OIL DOES NOT SMOKE BECAUSE it is *all* shortening in its purest form—nothing added. So clear and brilliant, so light in body, Wesson sparkles as it pours. No other as fresh, as pure and as light.

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Smoke's out! Flavor's in!

Enjoy cleaner frying with no clinging odor

Brighter flavor in foods—no greasy film even after they've cooled

Digestible frying—more safely prepared than with costliest solid shortenings

Easier and thrifty—Wesson's the shortening you pour and can use again and again

NEW!
NO-DRIP BOTTLE
Stops mess—stops waste.
Only Wesson Oil has it!



A SLICK SOVIET PITCH TO AFRO-ASIAN PEOPLE

The Russian campaign to win the uncommitted peoples, which went into high gear with the prestige of Sputniks, rolled on at a Cairo rally known as the "Afro-Asian Peoples' Solidarity Conference." It condemned the West and its works, from H-bombs to "imperialist influence" on Afro-Asian schoolbooks. Delegates cheered when a Russian said: "Tell us what you need. . . . We are ready to help you as brother helps brother."

The 500 delegates from nearly 50 countries were a curiously mixed bag: Communist officials, Middle Eastern political "outs," a naive cousin by marriage of Pandit Nehru. About half, especially those from Communist countries, represented governments. The rest represented odd organizations or simply themselves. During the session, a 23-man Soviet team called the tune through well-planted stooges. By the time it was over, Egypt's Nasser was grumbling at all the leftism. But he agreed to a permanent council secretariat in Cairo, in which Soviets and Red Chinese would have key jobs—and another beachhead in the Afro-Asian world.



HAILING THE CONFERENCE, Cairo crowd cheers and hoists painting in which the Africans and Asians symbolize their peacefulness by waving olive branches.

ALERT ASIATIC RUSSIANS, NURMOLDA ALDABERGENOV (FRONT) FROM KAZAKHSTAN AND TURBANED ZIYAUTDIN BABAKHANOV FROM UZBEKISTAN HEAR SPEECH



CONTINUED

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VOTING RUSSIA'S WAY, Afro-Asian conferees in Egyptian senate chamber spend last-day session ratifying numerous anti-Western resolutions that had

been prepared with Soviet approval. The Algerian delegation sits in left foreground. Behind it are the Cameroons representatives; Burmese sit on the right.



H-BOMB OPPONENTS (left), Japanese Mrs. Suzu Kuboyama and India's Mrs. Rameshwari Nehru meet after Mrs. Kuboyama spoke. Her husband, a fisherman, died from fall-out of 1954 Bikini H-bomb test.

CONFERENCE HOST, Egypt's Premier Nasser gave reception for the African, Asian delegates at Abdin Palace, where he shook hands and gave out autographs. But he did not attend conference sessions.

GET SET FOR EVEN MORE SPARKLE WITH THIS

quick,
refreshing lift!



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Nothing does it like Seven-Up

A new hair-do can work wonders for a girl. And so can 7-Up! Just one chilled bottle gives you honest-to-goodness new energy in 2 to 6 short minutes. Even the *taste* of 7-Up gives you a lift . . . it's so lively and fresh! Your mouth and throat will feel like new again. When you want to be your brightest self, have sparkling 7-Up. Bright girls everywhere do. "FRESH UP" WITH SEVEN-UP

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All '58 Oldsmobiles feature Safety-Plate Glass . . . all around!

Wherever you go, it's adventure ho! For the '58 Olds is an inspired car . . . with an exciting mobile look that mirrors your own good taste. It confirms your own good judgment, too. For the new Rocket Engine brings you a marked advance in fuel economy . . . with all the power you can use! Discover, too, the total thrill of *OLDSmobility*! Ride on air . . . with New-Matic Ride*—a true air suspension that's incredibly smooth and comfortable. Come have a new adventure at your Oldsmobile dealer's . . . in a Rocket road-test now!

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FORWARD FROM FIFTY... INTO THE ROCKET AGE



A LOOK AT THE WORLD'S WEEK



READY FOR REBELS IN VENEZUELA

Before Venezuelan President Perez Jimenez' palace (center) in Caracas, tanks and armored cars were deployed ready to repel any attack. A revolt had erupted at Maracay air base, 50 miles southwest. Rebel airplanes from the Venezuelan air force bombed Caracas. But the army captured the rebels' base and crushed the revolt within 24 hours.

AN ODD WAY OUT OF AIRPLANE

In Cleveland a fire ladder stretching 85 feet up in the air provided a strange exit from a plane precariously perched in the top of a tree. James Snider and Pilot Richard LaConte were over a golf course at 1,000 feet when the engine conked out. The plane came down in a tree, freakishly hung in its boughs. After 45 minutes while firemen were getting a long ladder, Snider and LaConte came down unscratched.

CONTINUED





AN EDIBLE LIKENESS OF LOREN

In London where she was making a film, Sophia Loren was presented with an 85-pound pastry likeness of herself, all edible except for the hair and eyelashes. Large enough to give 1,200 people, a taste, it was crated to be flown to British armed forces on Christmas Island in the Pacific.

TERRIFIED HOSTAGE IN A HOLDUP

As police hovered near armed but helpless, Mrs. Evelyn Shane stood terrified in an Inglewood, Calif. bar, a bandit's arm around her neck, a gun pressed against her head. Her captor and an accomplice staged a daylight holdup at the Beacon Bar, took Mrs. Shane and five others as hostages when police closed in. After a 3½-hour siege police used tear gas and the bandits surrendered.

PROPANE PYRE FOR A ROAD WRECK

A spectacular jet of flame lighted an icy road near Grain Valley, Mo. after a skidding car collided with a propane gas truck. Escaping through a safety valve, the propane ignited, burned about two hours. The truck driver was unhurt, but two of the auto's five passengers were killed, including Patricia Ann Thompson, 23, of St. Louis, whose body lies under blanket in the foreground.





How do we get the creamy caramel
inside the little drums of chocolate?



Marsettes®

New bite-size caramel chocolates

Marsettes... new bite size chocolates

First, we take chocolate rich and rare. We make it thick as a little cup, to hold the golden caramel.

Then all we do is pour more of that rare chocolate over the top. Last thing, we engrave our name, MARS, on the top of each, to remind you before each bite how good it's going to be. Only 10¢ a roll.

made in Candyland by **MARS**



**More Railroad Progress like this
depends on adequate earnings**



Isn't this common sense?

Welded rail is just one example of the many ways railroads are constantly increasing their efficiency.

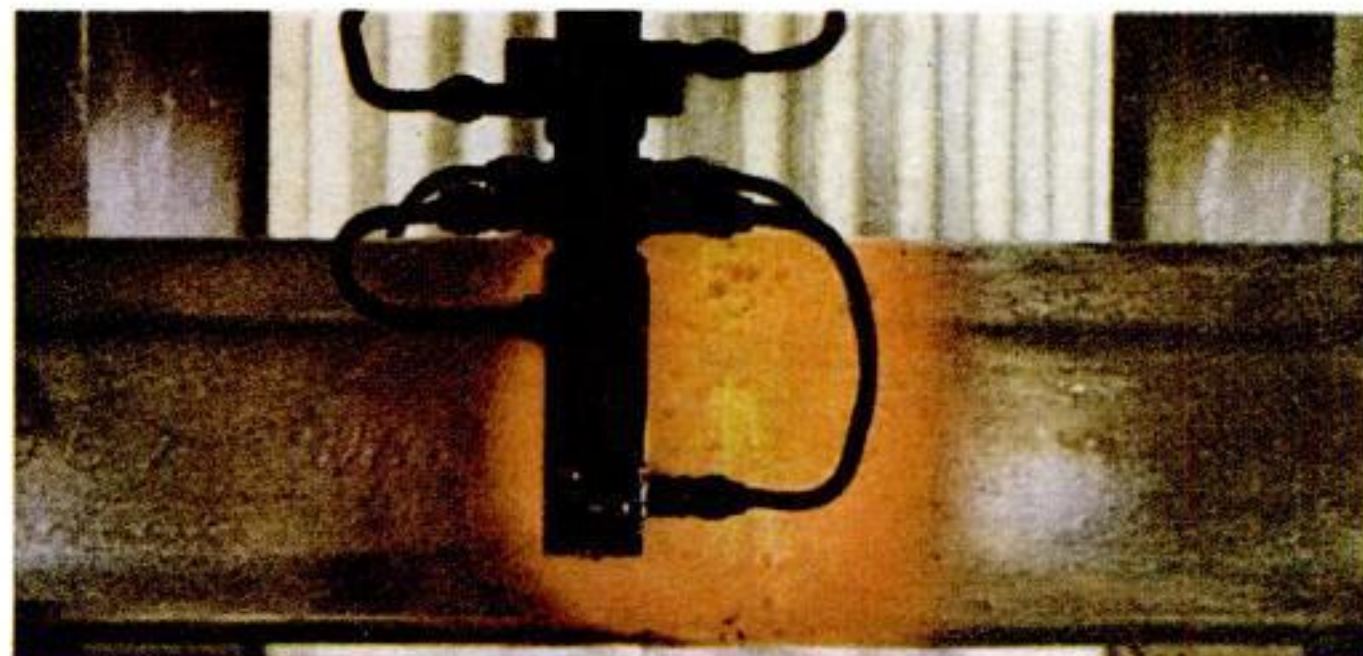
The railroads will continue to make such improvements — as rapidly as they are able to earn the money to pay for them. For the railroads must pay for improvements out of their own earnings.

But the earning power of railroads today is restricted by outdated public policies that favor competing forms of transportation.

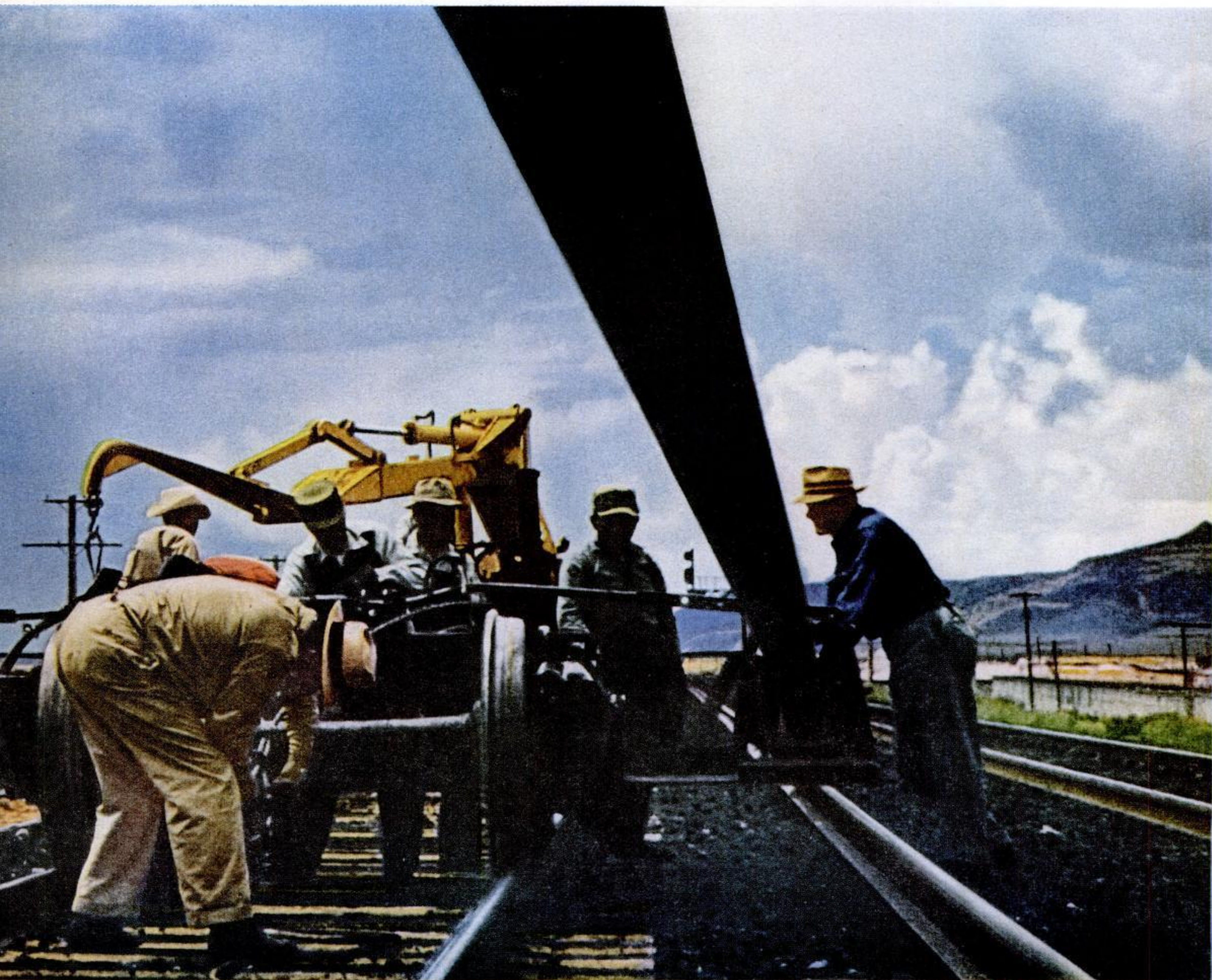
This unequal treatment causes the public to lose some of the benefits of railroad progress — progress as important to the nation as it is to the railroads.

In the interests of all of us, the railroads should be permitted equal opportunity to earn an adequate return on the money invested in them. Then everyone would benefit — including you.

Isn't this common sense?

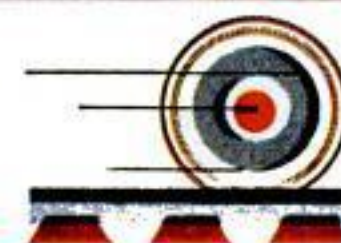


By welding sections of rail together in continuous lengths of steel, railroads often reduce track maintenance costs and give their customers a smoother ride. Above — the welding process. Below — workers lay the welded rail on ties.



AMERICA MOVES AHEAD WITH THE RAILROADS

ASSOCIATION OF AMERICAN RAILROADS, WASHINGTON, D. C.



**YOUR
BASIC
TRANSPORTATION**



MAKE-BELIEVE NORMALCY and an air of almost desperate gaiety characterized Petrograd in the grim autumn of 1916. Here a fine lady, draped in chinchilla and emeralds, is handed from her victoria by her officer escort at the

Mariinsky theater. The Mariinsky, as the billboard shows, is offering Tchaikovsky's *Iolanta*. A policeman holds off some shabby passers-by. The country is at war. The troops' morale has cracked. There are bread lines in the streets.

BEGINNING A NEW 'LIFE' SERIES

THE RUSSIAN REVOLUTION

With this issue LIFE is privileged to begin a series of four articles on the most epochal and far-reaching political event of the modern era. The Russian Revolution of 1917 had consequences which today, more than ever, are a part of current events. Communism's threat has for decades dominated international affairs—and Sputnik itself is presented as an achievement of the revolution.

But the revolution is also vastly misunderstood. To dispel its myths and to take advantage of information gathered from the tremendously significant German War Office files which became available in 1945, LIFE a year and a half ago undertook to produce the clearest and most authoritative

volume about the tumultuous uprising and its causes. The narrative has been written by the eminent popular historian, Alan Moorehead. He was backed by a worldwide team of scholars headed by Dr. Stefan T. Possony, professor of international relations at Georgetown University.

LIFE's condensation of Mr. Moorehead's book, which begins below, will in successive issues describe the background of the revolutionary movement, the 1905 "dress rehearsal" revolt, Bolshevik maneuverings before World War I, wartime Russia, the czar's overthrow, Lenin's return and the dramatic upheavals of 1917 that culminated in the cynical capture of the revolution by the Bolsheviks.

PART I

TWILIGHT OF THE CZARS

A FECKLESS AUTOCRACY SUPPRESSED A RESTIVE PEOPLE

by ALAN MOOREHEAD

SEPTEMBER and October are said to be the worst months of the year in Leningrad. A raw damp wind blows in from the Gulf of Finland, fog and rain follow one another in a depressing succession of days, and everywhere mud and slush lie underfoot. It is dark by three in the afternoon and the cold night continues until ten in the morning.

But then in November something perfectly wonderful happens: the heavy snow begins. It falls so thickly and so persistently that it blocks the view a few yards ahead and sometimes in the course of a single night the whole city is transformed. The mud vanishes and the gold spires and colored cupolas now stand out against a background of dazzling whiteness. There is a kind of joy in the air. The temperature may stand well below zero but in this dry sparkling atmosphere people get rid of their coughs and colds at last and can afford to smile. Traditionally this was the moment when the droshky drivers exchanged their carriages for sleds, and the coachmen, their beards frozen stiff, drove their horses along the quays at a tremendous pace. Out on the Neva River workmen began to lay tramway tracks across the frozen water to the islands and the Vyborg side.

It is not impossible to envisage this scene as it was some forty years ago when Leningrad was still Petrograd, a city of more than

two million people and the capital of Russia. (Until August 1914 it had been known as St. Petersburg, but with the onset of war with Germany its name had been changed to Petrograd—and that name will be used throughout these articles.) In the winter of 1916 the czar was still in his palace and a cosmopolitan aristocracy still revolved about the foreign embassies, the English Club, the churches and the opera. A little more than two years of war had made only superficial differences, at least outwardly. Food queues were becoming longer and more frequent, and there was some anxiety about the increasing number of holdups in the streets. But the trolleys were still running, the long ornate corridors of the Admiralty and the Winter Palace were busier than ever and the theaters were open every night including Sundays.

The prima ballerina Karasavina was dancing in Tchaikovsky's *Swan Lake* at the Mariinsky. Chaliapin was appearing at the Narodny Dom. Race meetings were being held at the Semenovskiy parade ground and the Stock Exchange remained calm. Despite the war, a duke or an ambassador could still hold a reception in the grand manner. Nothing as yet had been bombed or damaged, and except for the snow and the massiveness of some of the buildings the city had a graceful Italianate appearance that often reminded travelers of Venice.

RUSSIAN REVOLUTION

This was the world of privilege and established order, of a certain picture-book elegance which still seems vaguely familiar to us across all the commotions and upheavals of nearly half a century. One can recognize quite easily so many of these people and the parts they played—the doorman standing before the palace in his pleated black coat and military cap, the grand duke with his medals, the Cossack leaning from his horse, the duchess in white satin with her bird's-nest coiffure and wasp waist and décolletage, the professor at the university and the Orthodox priest with his stovepipe hat and his staff, looking like a prophet. And behind these figures there rises always the same theatrical background, the colonnaded ballroom, the tiers of boxes at the opera, the Russian eagle in the imperial coat of arms, the onion cupolas of the churches in a pale sky, the snow, the steppes, a straight railroad reaching endlessly into Siberia.

All this may seem a trivial and novelettish recapitulation of czarist Russia, and yet it does have a certain actuality in our memory. These people and that background often seem a good deal less strange to us than all the commissars, the committees, the factories and hydraulic projects and the million-headed, blank-faced proletariat of modern Russia.

Perhaps it was the brilliance of the 19th-Century Russian novelists that has fixed czarist Russia so vividly in our minds, perhaps it was the very suddenness and completeness with which that world vanished. But at all events it was still there in the last days of 1916, and to a casual visitor arriving in Petrograd then it would by no means have been apparent that the czar and his court, the vast elaborate superstructure of feudal life which had been built up by the Russian monarchy for a thousand years, was about to disappear forever.

A desperate muddle

It was true that in December 1916 there was a crisis in the government, that the whole machinery of the state and the army was in a desperate muddle, and that everybody talked about it. But no one as yet, not even the revolutionary leaders and certainly not the czar himself, had comprehended fully just how explosive the situation was. Some of the people may have expected that a revolution was inevitable but not the sort of revolution which was about to happen.

The war had exhausted the czarist army. Something like fifteen million men had been called up, and many of them had been sent into the trenches without proper clothing, without boots, even sometimes without rifles. The dead were never accurately counted, and perhaps one can best gauge the enormity of this slaughter from a laconic note written by Von Hindenburg, the German commander, when it was all over.

"In the great war ledger," he wrote, "the page on which the Russian losses were written has been torn out. No one knows the figures. Five or eight millions? We, too, have no idea. . . . Imagination may try to reconstruct the figure . . . but an accurate calculation will remain forever a vain thing."

Now, for the moment, there was a lull in the long battle line that stretched down for eight hundred miles from the Baltic to the Black



IN A MAKESHIFT WORLD WAR I HOSPITAL IN POLAND IN 1916, WOUNDED

Sea, but such insensate killing had left many of the regiments without hope and without the power to recuperate. And so the desertions began. By the end of 1916 hundreds of thousands had left their positions in the line and many of them were now making their way back to their homes inside Russia.

Most of these soldiers were peasants, and it has been estimated that even in normal times their incomes never amounted to much more than about \$150 a year. The usual thing was for a family to live in a single-room, thatched-roof cottage, with an earthen floor and a hole in the roof to allow the smoke of the cooking fire to escape. The farm animals lodged inside as well. A diet of bread and vegetables was varied perhaps once or twice a year with meat.

But even these conditions were probably better than the fate that was now beginning to overtake the workers in the city. Since 1914 wages had increased by 100%, but in the same period prices had gone up by 400%. Even then there was very little that could be bought in the markets and the food shops. The winter of 1916-1917 was particularly severe—at one stage no less than 1,200 locomotives burst their frozen pipes and became immobile—and this contributed to the general confusion in the distribution of food. In Petrograd and Moscow

bread queues formed throughout the freezing night, and it was hardly surprising that now, after two years of relative industrial peace, the workers were going out on strike again. They were cold (there was of course an extreme shortage of fuel for heating), they were overworked (a 10½-hour day was the normal thing), they were hungry, and now they had had enough.

The educated classes, the civil servants, the merchants and shopkeepers, the politicians and the nobility were still in 1916 insulated from the worst of these rigors. Yet they too had reached a point of exasperation and frustration which would long since have made itself felt in any other country. In the Duma, Russia's parliament, some of the



CRUDE TRANSPORTATION carries Russian soldiers up to the front. Lack of supply facilities hampered Russian operations throughout the war.



RUSSIAN SOLDIERS LIE ON STRAW BEDDING AS A PRIEST VISITS THEM

most respectable of the deputies had recently been making speeches which had come closer to treason than anything that had been heard before. Yet everybody knew that the Duma as an effective parliament was a farce. It had no legislative powers of any consequence. It was a noisy "talking shop," and the czar could and did dismiss it whenever he chose. There was a cabinet of a sort that was supposed to administer the country while the czar was away at the front with the army, but it was without real control or responsibility.

Recently a certain A. F. Trepov, a run-of-the-mill conservative, had been put into the office of prime minister, but nobody—least of all Trepov himself—believed that he would last. The real power lay in one place only, and that was in the palace at Czarskoe Selo, 15 miles outside Petrograd, where the empress was in residence; and behind the empress, entirely dominating her, and through her the czar, was the surrealist figure of Rasputin.

The hatred surrounding this couple—the pious, German-born princess and the grotesque monk—had become a sort of endemic hysteria in Petrograd, and it possessed the aristocracy quite as much as anybody else. In Petrograd society the empress was universally referred to as "the German," and at least one plot was on foot to have her murdered. As for Rasputin, even the most vocal of the politicians and the nobles were finding it difficult to choose words to express their loathing and contempt. But it was contempt strongly mixed with fear. Under the protection of the palace Rasputin proceeded serenely on his course, dismissing the ministers he did not like, dropping a word to the czar on how to conduct the war, and using his hypnotic powers to stir up the addled, superstitious mind of the empress until she hardly knew what she was doing any more.

The war had put a fearful strain upon the czarist system, and Nicholas II was no Peter the Great to set things right again. It was really a race now to see which would come

first: the ending of the war or the revolution. But at the same time it was difficult to see where the revolution would come from. A palace revolution, a rising of the nobles to replace the czar, was quite feasible, but no single man either in Petrograd or among the generals in the army looked like the leader of such a movement. Then too, there existed among the liberals as well as among the aristocracy an instinctive fear of what might happen if they upset the throne, if the illiterate masses, the "Dark People," followed their lead and raised a rebellion in the streets. Once the mob was let loose anything could happen; then all of them from aristocrats to shopkeepers might be swept away.

As for the left-wing revolutionary parties—the people who would accept rebellion at any cost—they too had been weakened by the war and driven underground. Most of the leaders were living in exile abroad or in Siberia: Lenin was in Switzerland, Trotsky was on his way to New York, Plekhanov, Axelrod, Martov, Dan and many others were scattered through Europe. Most of them were quarreling bitterly among themselves. None of them was planning to return to Russia, and none had any idea that revolution was at hand.

And so a strange apathy rests over the scene; and it is something of a marvel that the Russian Revolution, the most important political event of modern times, the event which has done more to shape our lives than anything else, should have entered in such an unexpected and rudderless way into history.

Even as late as December 1916, despite all the disasters and misery, the majority of Russians still looked up to the czar, or at all events to their idea of the czar, as the main source of authority, either for good or evil. He was still the symbol that held the state together, and it seemed to many people that he could still lead them out of the chaos in which they were wandering. It is one of the aberrations of history that Nicholas himself felt this too.

More a legend than a man

SINCE the Soviet government has been in power in Russia it has become the practice of Russian historians either to ignore Nicholas or to treat him as some vague remote ogre like Abdul the Damned, more of a legend than a man, and in any case of no account. But in 1916 Nicholas counted very much. He more than anyone represented the system the revolutionaries were revolting against, and the idiosyncrasies of his nature are vital to the story.

In particular one needs to know just why he behaved the way he did in this crisis; just how it was that he, of all the would-be mild martyrs of the world, should have been given such power at such a vital moment. The revolution slips by him almost accidentally. Despite his intelligence and long experience, never at any stage during the revolution's long approach nor at the moment of its outbreak does he seem to have understood what was happening. In the end he leaves the tragedy in much the way he entered it in the beginning, terror and violence all around him, handsomely and honorably knowing nothing. This is an enigma that can only be unraveled by going back to Nicholas' origins in the last half of the 19th Century.

CONTINUED



HORDES OF PRISONERS, Cossacks and infantry, are guarded by helmeted German soldiers. This was 1915 when 1.5 million Russians were captured.



HOME-FRONT MISERY was reflected increasingly during the war in the endless lines of city workers waiting for food and other supplies. Above, Petrograd residents queue up in the snow for their share of kerosene for cooking and

heating. State control over civilian goods was begun late in the war and haphazardly. Food rationing was introduced in 1916 and by the beginning of 1917 food prices had climbed to four times their prewar levels. Speculation was rampant.

RUSSIAN REVOLUTION CONTINUED

Even now in a world grown familiar with dictators and ruling cliques it is difficult to comprehend fully just how absolute was the power of the Russian czars at the time of Nicholas' birth in 1868. The czar took his position as the head of the state as naturally as a father assumes responsibility for his family. The idea of the divine right of kings was something more than a survival from medieval times. It was a living faith that was passionately believed in, and not only by the imperial family itself. To the great bulk of the Russian people outside the court it was as much dogma—unalterable and absolute dogma—as the Communist Manifesto and the Theses of Lenin were to the Bolsheviks later on.

The violent Tartar tradition was still surviving very strongly in the 1860s, and the very nature of the Russians themselves—the indolence and laziness of the peasants, the lack of culture among the nobility—may have made it inevitable that there should have been a central ruler, and that he should have ruled by force. It might be said, of course, that this backwardness was forced on the Russians, that it was the tyranny of the czars which had turned the majority of them into a race of nameless slaves. The fact remained that this was a predatory state which the czar and a small group of noblemen and bureaucrats ruled for their exclusive benefit. The peasant was a serf who could not have any ambition other than to die early and peacefully, or to survive with a minimum of work, taxes, hunger and beatings. The ruling group owned all of the wealth, enjoyed all the privileges and monopolized all the political power, and did not intend to give up any of its prerogatives. It considered the peasants (some 95% of the population) to be little better than animals who could not be trusted with the slightest responsibility.

By the time Nicholas was born a century or more had passed since Peter the Great had set up the Russian state as though it were a sort of private domain, a country estate of the Romanov family, or perhaps just simply a school for mentally backward children. Beneath the czar there were three great institutions, the bureaucracy, the army and the Holy Synod, and the officials within them were as tightly organized as ants in an anthill. Year by year, according to his ability, his character and his

luck, the government servant crept up the 14 established ranks, each rank with its appointed uniform, its privileges and its pay, until he reached retirement and his appointed pension at the end. It was a vast civil service. A tenth of the urban adult male population was in it. The peasants were ruled by the police, who were responsible to the county officials, who were responsible to the local governor, who was responsible to the minister of the interior, who was responsible to the czar; and the czar was responsible only to God.

There were no elections and no parliament. All power filtered downward from the czar. He had a council of ministers to advise him, but they were all appointed by himself and held office at his pleasure (which was sometimes capricious and short-lived). There was no such thing as free speech. Every published book, magazine or newspaper was censored.

All this, at any rate in its broader aspects, had been faithfully preserved down to the time of Nicholas' birth, together with its inevitable accompaniment: the discontent, the frustration and finally the indignation of the people who hated such a way of life. Here again it is almost impossible for anyone brought up in a democracy to understand completely the hunger that there was in 19th-Century Russia for an elected, constituent assembly in which there would be free speech and some power at least in framing and exercising the law. This is the idea that in the end survives all others, the slogan which, at one time or another, is taken up by all the revolutionary parties, right, left and center, the Bolsheviks included. Basically the Russian Revolution is the story of the life and death of this idea of a constituent assembly.

The stand of the czars on this issue was very simple. Russia was not western Europe. It was not yet ready for democracy. If you slackened the control too rapidly the illiterate millions might rise and overwhelm you. Then only chaos would result.

There was a small, short-lived slackening under Nicholas' grandfather, Alexander II. He had been willing to go at least a certain distance in making reforms. In 1861, against monumental opposition from the landowners, the officials and the court, Alexander liberated the serfs. As things turned out, his system of liberation was bondage of another kind, and the peasants found themselves worse off than they were before. Still, it was the principle of the



CZAR'S FAVORITE, world-famous ballerina Mathilde Kshesinskaya had a brief affair with Nicholas before his marriage to Alix.



THE CAP OF MONOMAKH, BY TRADITION A GIFT FROM THE EMPEROR OF BYZANTIUM TO VLADIMIR II (1113-1125), SYMBOLIZES CZARDOM'S BYZANTINE LINEAGE

IMPERIAL HERITAGE

KREMLIN TREASURES LINK RUSSIA TO HER CZARIST PAST

INSIDE the Kremlin, which today houses Russia's Communist rulers, is a dazzling link to Russia's stormy past—the treasure of the czars. Row after row in room after room it is displayed—enormous gems, glittering raiment, imperial baubles. One of the world's greatest national collections, its value is beyond counting. It dates back, with the cap of Monomakh (*above*), to the emergence of Russia as a nation in about 1150, but the bulk of the collection is from the 16th to 18th centuries, when Russian art was at its most elaborate. The men who knew these riches were the fearsome, fire-breathing czars like Ivan

the Terrible and Peter the Great who crushed down opposition and unrest with knout and sword.

Miraculously, the treasures survived the revolutions. They owe their safety in part to awe felt by the angry peasants when they broke into the palaces, in part to admonitions of men like Maxim Gorky. "Citizens," said Gorky to the rioters in the 1917 uprising, "take care of this heritage, take care of the palaces. . . . They are the embodiment of the spiritual power of yourselves and your forefathers. Citizens, do not touch one stone. . . . All this is your history, your pride."

Photographed by DAVID DOUGLAS DUNCAN

CONTINUED



THE KREMLIN is a complex of buildings surrounded by walls originally erected in wood in the late 13th Century and later changed to stone and brick to withstand the invasions of Tartars, Lithuanians, Poles and Swedes. Inside the walls

at extreme left is the Cathedral of the Annunciation, burned by the Tartars in 1382 and rebuilt in 1490. The square-towered structure is the tower of Philaret. Taller tower next right is the Bono, and the tallest tower is that of Ivan the Great.

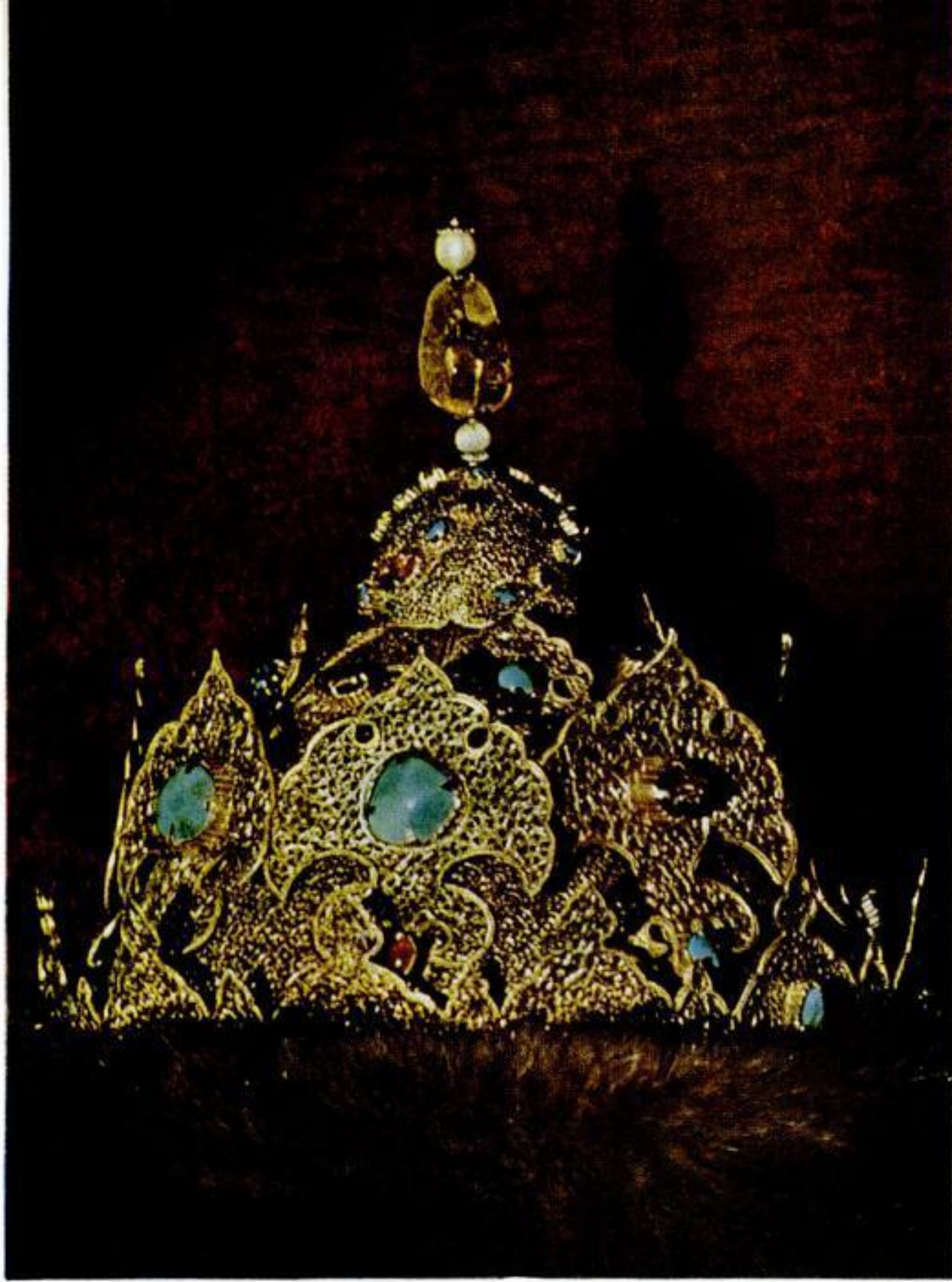


Built in 1600, it was shelled out of line by Napoleon's troops and is now called "Ivan the Slightly Topsy." Before these towers lies the Cathedral of the Archangel Michael, started by a Milanese architect in 1505 as a burial place for the czars.

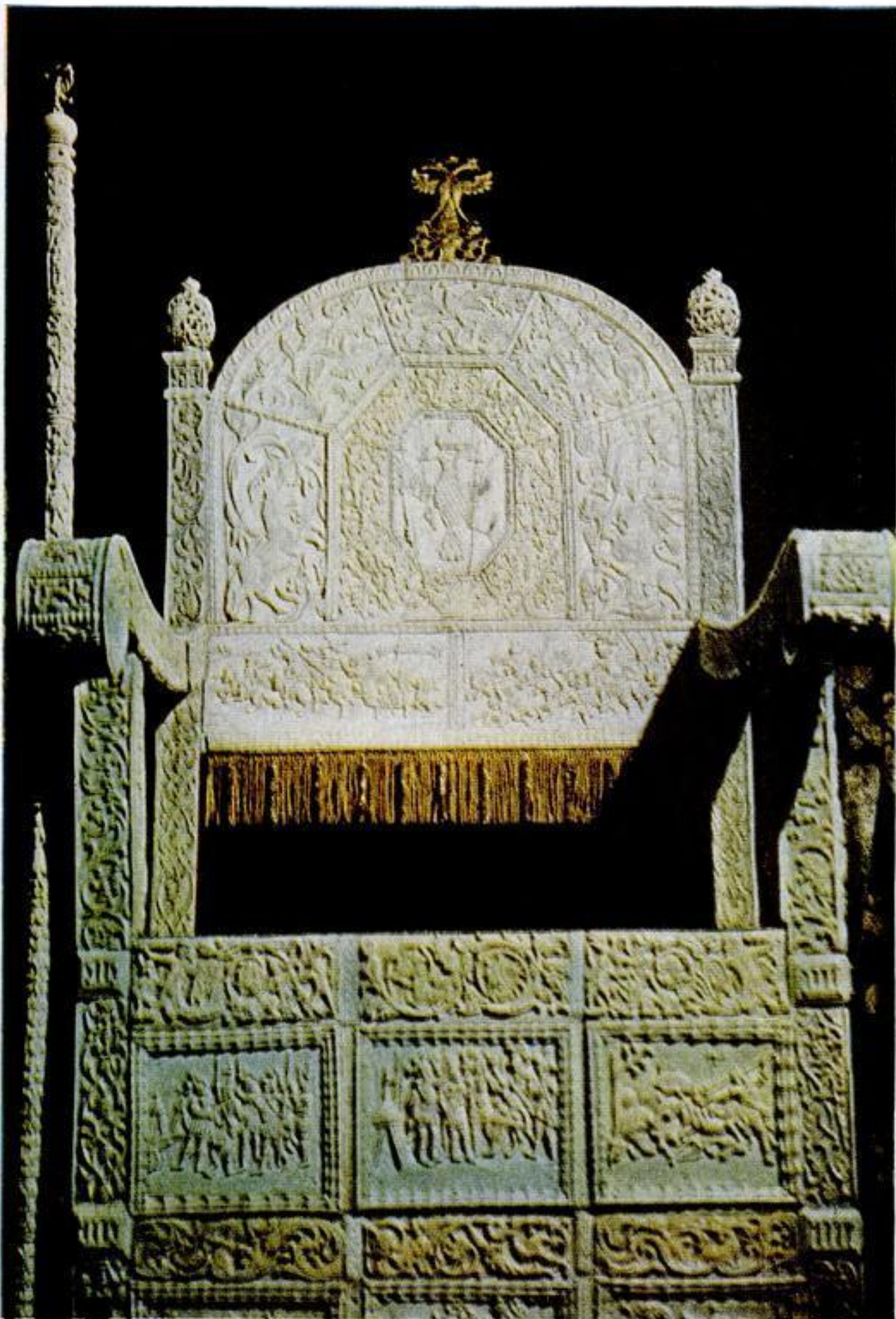
Building with red star is the Savior's Tower, which rises over Kremlin entrance. Next two towers are watchtowers, used as storehouses during sieges. Varicolored building at far right outside the wall is the Church of St. Basil the Blessed.

CONTINUED

GEMS WORTH A



THE KAZAN CROWN, of filigree gold covered with Persian turquoises and topped with a giant topaz and fresh-water pearls, was made in 1553. It commemorates the capture of the khanate of Kazan from the crumbling Tartar empire.

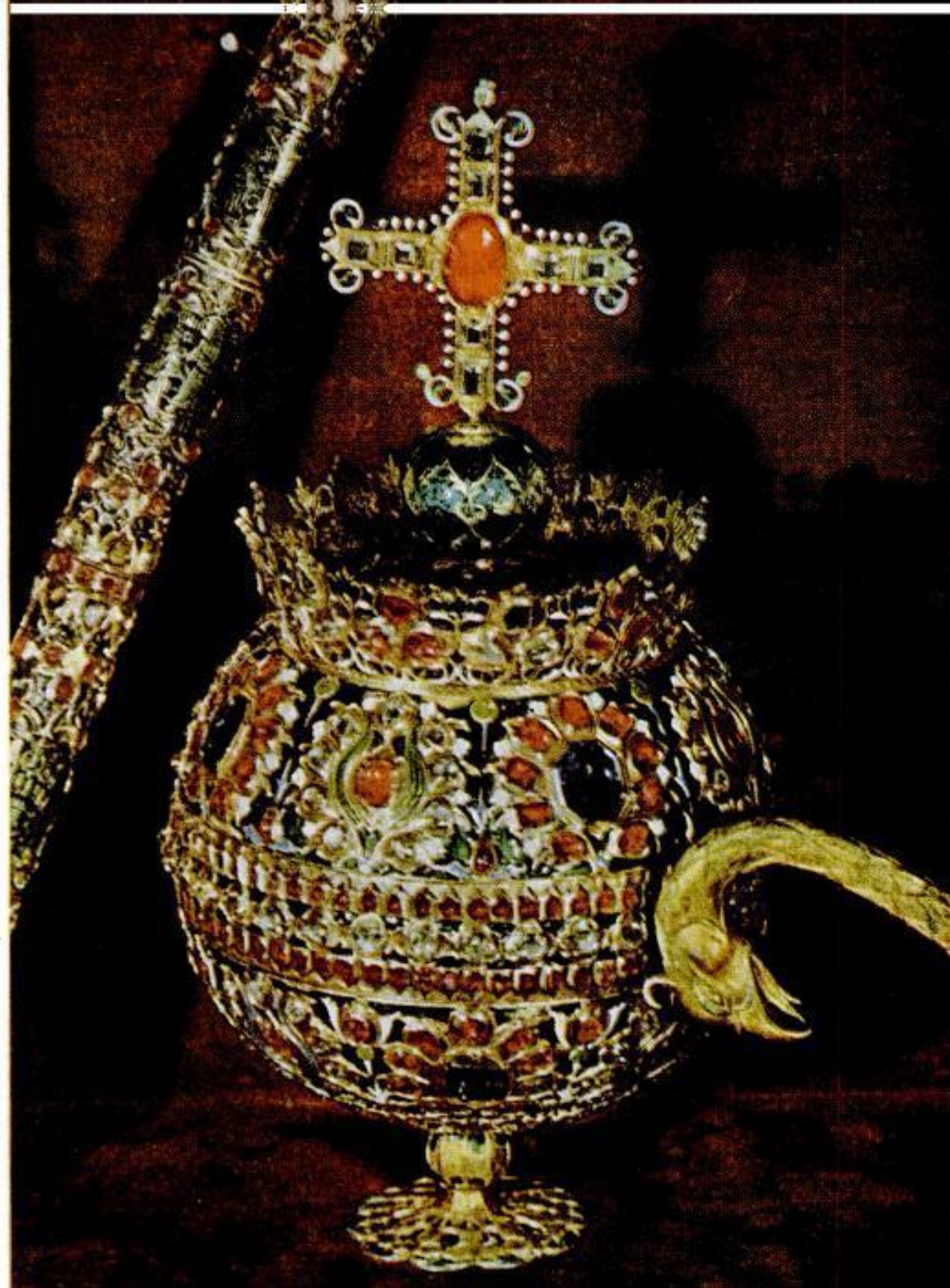


IVORY THRONE, brought to Moscow by Byzantine princess whom Ivan III married in 1472, is covered with ivory panels depicting mythological scenes. Ivan the Terrible sat in it, and it was used in coronations up to Nicholas II in 1896.



GREAT HALL IN PALACE OF FACETS WAS USED FOR RECEPTIONS →

CZAR'S RANSOM



SCEPTER AND ORB, lavishly studded with gems, has large ruby in center of cross. It was made in Constantinople for Czar Alexei Mikhailovich in 17th Century when the art of enameling was at its height. At right is gold bird's head.



DIAMOND THRONE, used in coronation ceremonies, sparkles with more than 2,000 diamonds and amethysts. It was brought from Persia for Czar Alexei Mikhailovich in 1660, has ivory relief panels with figures of birds, beasts, flowers.

CONTINUED



A **RICH REMINDER** of Russia's mission to protect the Christian world was this back panel of an elaborate carriage proffered Boris Godunov by England's Queen Elizabeth in 1600. (Boris had died before the carriage got to Moscow in

1625.) This was a time when Christian Europe was worried by the spreading Ottoman Empire and looked on Russia as a bulwark against the Turks. The panel shows a hypothetical battle between Turks and Russians before the gates of the



Kremlin. The Sultan's forces at right fly the flag of Islam. Boris is shown in left foreground, holding a huge spear which is piercing the Sultan's horse. Boris himself never fought the Turks but Peter the Great attacked Turkey in 1695 and

lost. In 1696 he attacked again and won. In 1711 he invaded Turkey once again but was driven back. Turkey remains a traditional enemy, and for centuries, as Americans play cowboy and Indian, Russian children played Russian and Turk.

CONTINUED





SADDLE GIVEN TO CATHERINE II HAS A GIANT EMERALD, 1,000 DIAMONDS

PRIDE IN ARMOR

In the 14th and 15th centuries the Grand Duchy of Moscow, originally the city and a small surrounding area, was battling its way to national leadership. Then its arms were plain and utilitarian. But after Moscow won dominance over most of Russia in the late 15th Century, arms became symbols of stately importance, wealth and pride.

The palaces blossomed with finely wrought ceremonial arms and heraldic devices. For great nobles, living on the revenues of enormous estates, magnificence knew no limit. Their saddles, quivers and even tents sparkled with pearls and diamonds and cloth of gold, in keeping with their new importance. Impressed beyond measure, an English visitor to Ivan's court in 1553 wrote home, "I have seen the King's Majesties of England and the French King's pavilions, which are fayre, yet not like unto his. . . . I never heard of nor saw men so sumptuous."

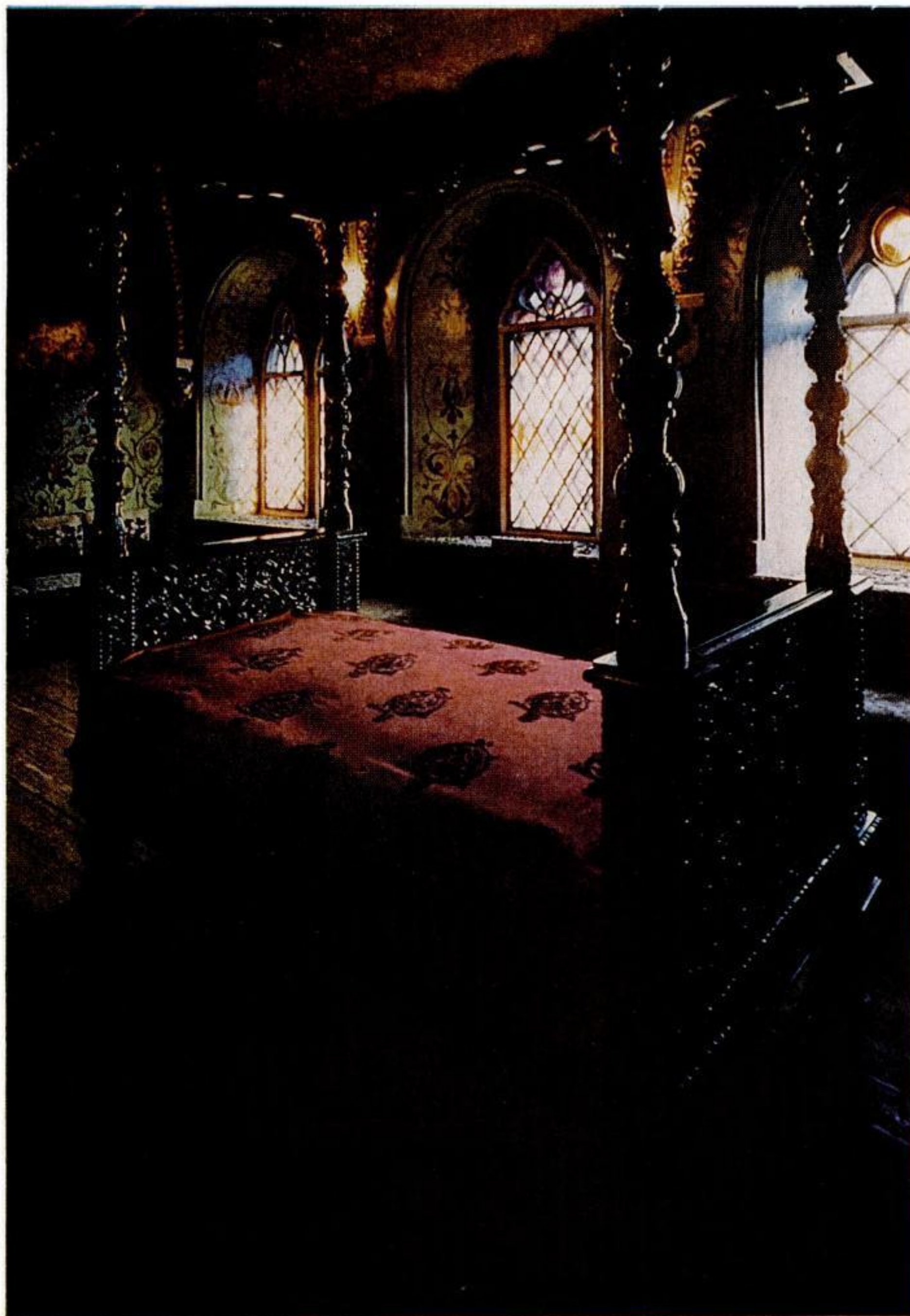


CHILD'S ARMOR, used in the 17th Century by an 8-year-old son of Alexei Mikhailovich, is fashioned of wrought iron, was worn on ceremonial occasions. Children's armor increased in weight as the child grew older, finally adapting him to full load.



← STEEL HELMET, made for a Russian noble, probably dates from the 16th Century, has flangelike skull guard on top, an edging and nose piece finely decorated in gold. It is displayed on a dummy wearing a suit of chain mail.

QUIVER AND BOW CASE (above) belonged to Czar Mikhail Feodorovich, the first Romanov. Made of leather, it is enameled, covered with gold and jewels and marked with the imperial eagle and St. George on horseback.



CZAR'S BEDROOM on the fourth floor of the Terem Palace has a huge, elaborately carved four-poster bed in center and upholstered benches around

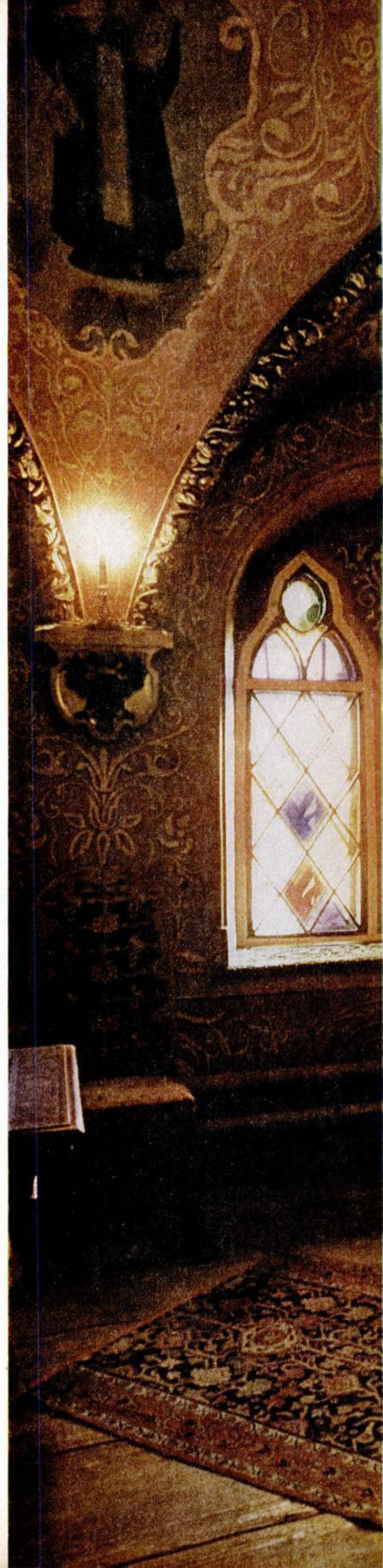
its walls. The czar's private chapel adjoins it. Though it has been restored several times, the apartment retains the full flavor of its 17th Century elegance.

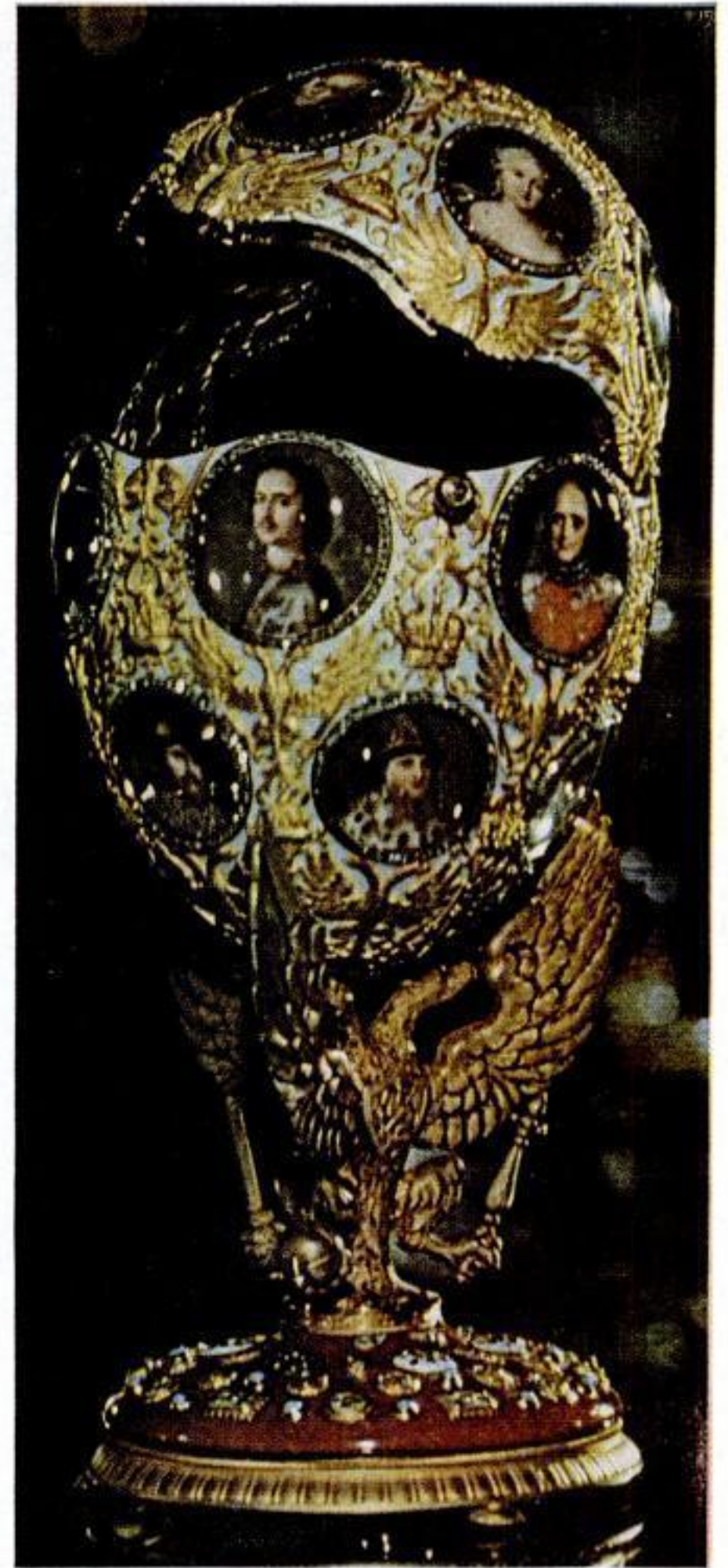
A CZAR'S CHAMBERS

In the race to furbish Moscow with luxury, the pace-setters were the czars themselves. In 1499 they built the Kremlin's Terem Palace, which remains today one of the world's oldest and most brilliant. They lived in it until Peter the Great moved the capital from Moscow to St. Petersburg in 1714. Ivan the Terrible occupied its ground floor, surrounded by the smaller establishments of the nobles and clergy. Alexei the Gentlest in 1650 did the most to beautify it; he moved upstairs to the fourth of its five stories and built himself the dazzling personal quarters shown above and at right. In the rooms he put fine carvings, Venetian velvet and golden frescoes. The rooms had a corridor behind

them where the daughters of nobles could be assembled. There he indicated which one he favored by the gift of an embroidered napkin. The over-all effect of opulence of the Terem Palace was enhanced by the windows, paned with stained mica, known as "Russian glass." They light the chambers with a soft, unearthly glow that gives a feeling of windows under the sea.

Perhaps to demonstrate they had not forgotten the masses, the czars lowered a long box from a window in the Golden Room (*right*). In it, the poor could place their pleas. But there the matter apparently ended, for even today the Russian equivalent of "to pigeonhole" is "to put it in the long box."





ANNIVERSARY EGG, made by French jeweler Fabergé in 1913, marks Romanov dynasty's 300th year, has Romanov portraits outside, globe inside.



BIBLE COVER, richly decorated, was a present from the Patriarch Nikon to Czar Alexei Mikhailovich about 1655. The cover stands a foot in height.

← **THE GOLDEN ROOM**, study of the czars, has an almost barbaric elegance. Here the czars received their nobles. The windowpanes are stained mica.

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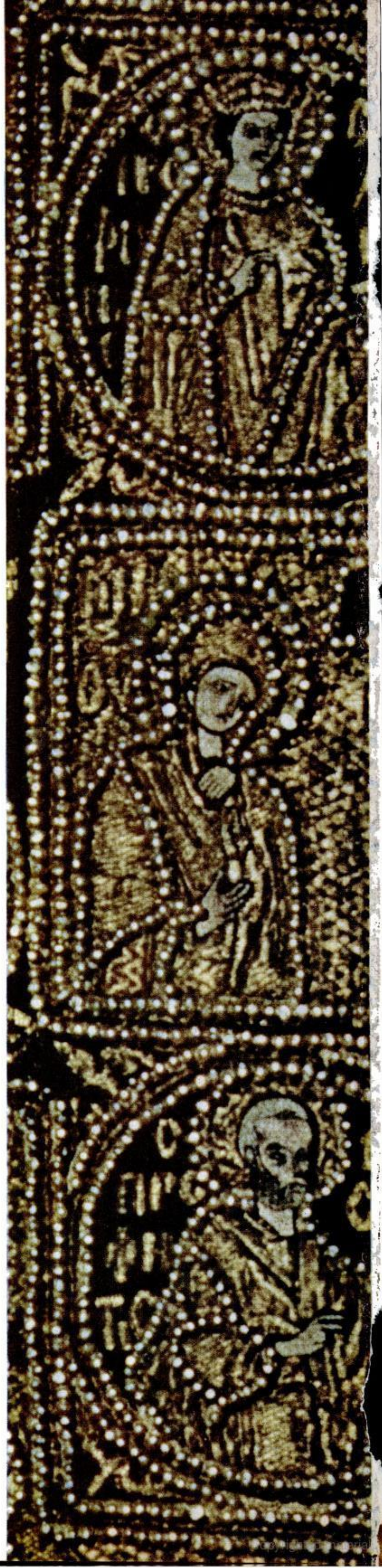


JEWELLED MITER with imperial eagles of pearls and ruby-studded paintings of Christ, Mary and Joseph was given in 1744 to monastery by Czarina Elizabeth I. It was worn by a metropolitan, the Orthodox equivalent of archbishop.



EMBROIDERED CHASUBLE shows Christ ascendant, was worn by Metropolitan Photii who served from 1408 to 1431, was later canonized.

DETAIL OF CHASUBLE, showing Crucifixion, is embroidered in pearls taken from Russian rivers. Church raiment was frankly flamboyant.









A FAVORITE RESIDENCE of the czars was the Peterhof Palace, 14 miles outside Petrograd on the Gulf of Finland. Named for Peter the Great, who built it in 1720,

it is surrounded by luxuriously landscaped grounds and set with fountains like the elaborate one above which even in wintertime give the palace a special fairyland quality.

RUSSIAN REVOLUTION CONTINUED

thing which was thought to be important, and it is useful to remember that Alexander here was not so far behind the times. Slavery was not peculiar to Russia; 1861 was also the year when civil war began on this issue in America.

Alexander's other major reforms were the creation of the zemstvos—the rural councils that provided a form of local self-government—and an overhauling of Russia's antique legal and military systems.

All in all it was a serious advance toward freedom and for the time being it left Alexander in a mood of caution. The Dark People did not seriously abuse their new privileges, such as they were, but on the other hand there was still no real internal peace. There were still—as there had been for many decades—peasant uprisings. Universities still talked sedition. Attempts made on the czar's life grew more frequent—and they were attempts made from the right, not the left, and from intellectuals and liberals rather than peasant anarchists. One sympathizes with Alexander's cry, "What have these wretches got against me? Why do they hunt me down like a wild beast?"

For 15 long years, from 1864 to 1879, Alexander made no further effort to relax his traditional control. But then at the end of the 1870s he began to stir himself again. Under the czar's authority a plan for a constitution was drawn up. The ukase was signed and was merely awaiting publication when on March 13, 1881, all these plans and much else besides came to an abrupt and savage end.

In the early afternoon of that day Alexander was returning in his carriage to the Winter Palace along the Catherine Canal in Petrograd. A young man named Rysakov threw a bomb at him. The czar escaped untouched but some of the Cossacks in his escort were wounded, and Alexander got down from his carriage to speak to them. At this moment a second terrorist, a 25-year-old Polish student named Ignacy Grinevitsky, threw a second

bomb. It landed between his feet. Fearfully mutilated, Alexander was carried half-unconscious into the palace to die.

There ensued then one of those awesome Russian death-chamber scenes which one associates with Tolstoyan novels: the ornate and crowded room, the icons, the relatives coming up one by one to take their last agonizing farewell of the dying man (*see p. 61*). Nicholas, now 12 years old, was there in a blue sailor suit with his father, the future Alexander III, and his Danish mother, Maria Feodorovna, who had come running in from the imperial gardens, a pair of ice skates still in her hand. Princess Zhurzhhevskaya, who probably loved the czar more than anyone (she had been his mistress for many years before becoming his wife only nine months previously), threw herself onto the bed in an extremity of grief and the czar's blood stained her dress. For three-quarters of an hour the priests and the doctors gathered round, and then it was over. Nine of the Romanovs in that room, Nicholas among them, were themselves destined to die such a death, and never for very long in the years to come were they allowed to forget the prospect of it. One hardly wonders that Nicholas became a fatalist so soon, or that he should have grown up with an instinctive sense of isolation and uncertainty. "Whatever I try," he once said, "nothing succeeds. I am out of luck."

The assassination of Alexander II had, however, quite another importance besides the gloomy influence it exercised on Nicholas' character. It was a clearly discernible landmark in Russian history. For the time being it brought to a stop all question of social change in Russia.

Nicholas' father, Alexander III, was in many ways an ideal man to take advantage of the reaction against liberalism which followed the assassination. He looked like a czar and behaved like one. A huge man, bearded and confident, he was possessed of quite extraordinary physical strength. He was even said to be able to straighten a horse-shoe with his bare hands. There is indeed a good

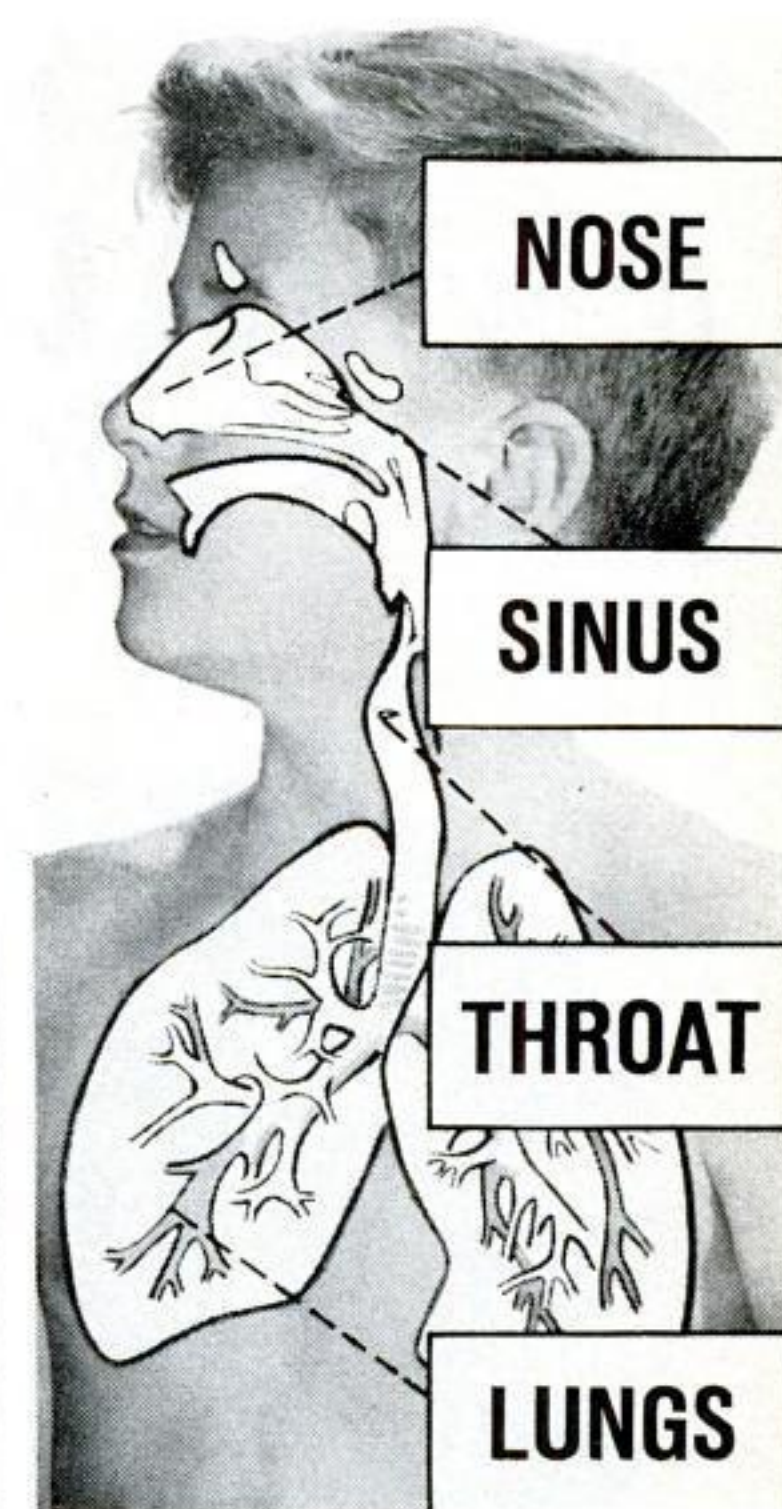
CONTINUED

WHERE CZARS WERE CROWNED, Uspensky Cathedral in Moscow was used for coronations even after capital was moved to Petrograd. It was also the burial place of

Russian patriarchs, whose polished pewter tombs in foreground reflect the golden radiance of the church's interior. Frescoes show scenes from Bible and Russian history.

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RURAL LIFE in Russia was bleak and meager, scarcely improved by Alexander II's reforms. Even the better village houses were ramshackle and peasants' homes were hovels. Poor farming methods kept most of the peasants impoverished. Soil erosion and forest depletion helped make the situation still worse.

RUSSIAN REVOLUTION CONTINUED

deal about him of the Victorian country squire, the tough, amiable autocrat who is perfectly satisfied with his inheritance, and who intends neither to change it nor to look beyond it. He had no ambition for foreign conquests nor any liking for international intrigues. He wished quite simply for things to stay as they were. His closest adviser, the jurist Konstantin Pobedonostsev, was a die-hard reactionary of the purist water.

"Parliament," wrote Pobedonostsev, "is an institution for the satisfaction of the personal ambitions, the vanity and the personal interests of the deputies. . . . God forbid [that] fate would give Russia the ominous present of an all-Russia parliament."

The new czar gave the proposed constitution a brief, unfriendly glance and then abandoned it altogether. Autocracy was back on the throne again, and during the next 13 years Alexander spent much of his time on his various country estates resolutely pretending that, so far as Russia was concerned, time was standing still.

New trade, new industries

IN reality, however, a great deal was happening. A vast change was overtaking Russia. The government may have been marking time but the economy of the country was not. By the late 1880s trade was beginning to move on a colossal scale. Foreign capital was flowing into Russia and a whole new range of industries was springing up around the principal cities. In 1891 the trans-Siberian railway was begun, linking China with Europe and opening up markets that could not have been dreamed of before. Everywhere a new class of factory workers was coming into being.

The chief architect of these changes was Sergius Witte, one of the most interesting men in Russian politics—a realist with an extraordinary adroitness in effecting changes under the dead hand of Pobedonostsev and the czar. As minister for finance he overhauled the archaic czarist economy. He negotiated huge loans from France and welcomed private capital from abroad. Under Witte, Russia was put on the gold standard and the government secured one of the most lucrative sources of national income, a monopoly on the sale of vodka. The Russian government, in fact, was rapidly becoming rich.

The other important figure in Petrograd through these years was Vyacheslav K. von Plehve. Plehve was a bureaucrat of the extreme kind, with a touch of ruthlessness added. He accepted as a matter of course all the paraphernalia of autocracy—the censorship of the press, the suppression of the liberty of the universities, the pogroms against the Jews, the rule of the police. While Witte worked outward towards Europe and the western world, Plehve worked inward upon Russia. As director of the state police he had hunted down the leaders of the successful plot against Alexander II in 1881. Now in the early '90s Plehve was steering a course, skillfully and ruthlessly, towards the key post of minister of the

CONTINUED



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In short, by seeing her doctor early, an expectant mother can now safeguard her pregnancy against virtually every possible problem; thanks to better medicines and better treatments, her chances of having a truly "blessed" event are fine indeed.

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*for women
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ASSASSINS' ATTACK on Alexander II began with bomb explosion which did not touch czar but wounded Cossack guards. But when Alexander got out of his carriage to speak to the wounded, another bomb was thrown, killed him.

RUSSIAN REVOLUTION CONTINUED

interior. Witte and Plehve, not unnaturally, loathed one another.

With these three then—Pobedonostsev the diehard intellectual, Witte the state financier and Plehve the policeman—Alexander III's government continued on its artificial course and not even a three years' famine that began in 1891 could shake it. For a period of something like 30 years no reform of any consequence was carried out.

Nicholas grew up through these years in the approved fashion of young princes in the 19th Century. His was a world of countless relatives and retainers, of tutors and religious services, of uniforms and parades, of holidays in the Crimea and hunting in the woods, of visits to Uncle This or Cousin That in the royal palaces of London and Berlin. None of it came near to Russia's real problems. Nicholas' only contact with the revolutionary elements which were already forming about him was of the most violent kind. Barely seven years after his grandfather's assassination he was nearly killed in a railroad smash. The imperial train was derailed at Borki and although Nicholas and his father were unhurt—Alexander with his huge bulk held back the splintered timbers of their coach to enable the boy to crawl out of the wreck—21 others were killed. This accident, we now know, was not actually the work of terrorists, although in the previous year, 1887, a genuine plot had been uncovered at the last moment. This was an inept and crazy affair organized by university students but it had its place in history since the coming revolution brushed very close to Nicholas here: one of the ringleaders was Alexander Ulyanov, Lenin's elder brother. He was hanged.

Exercises in the open air

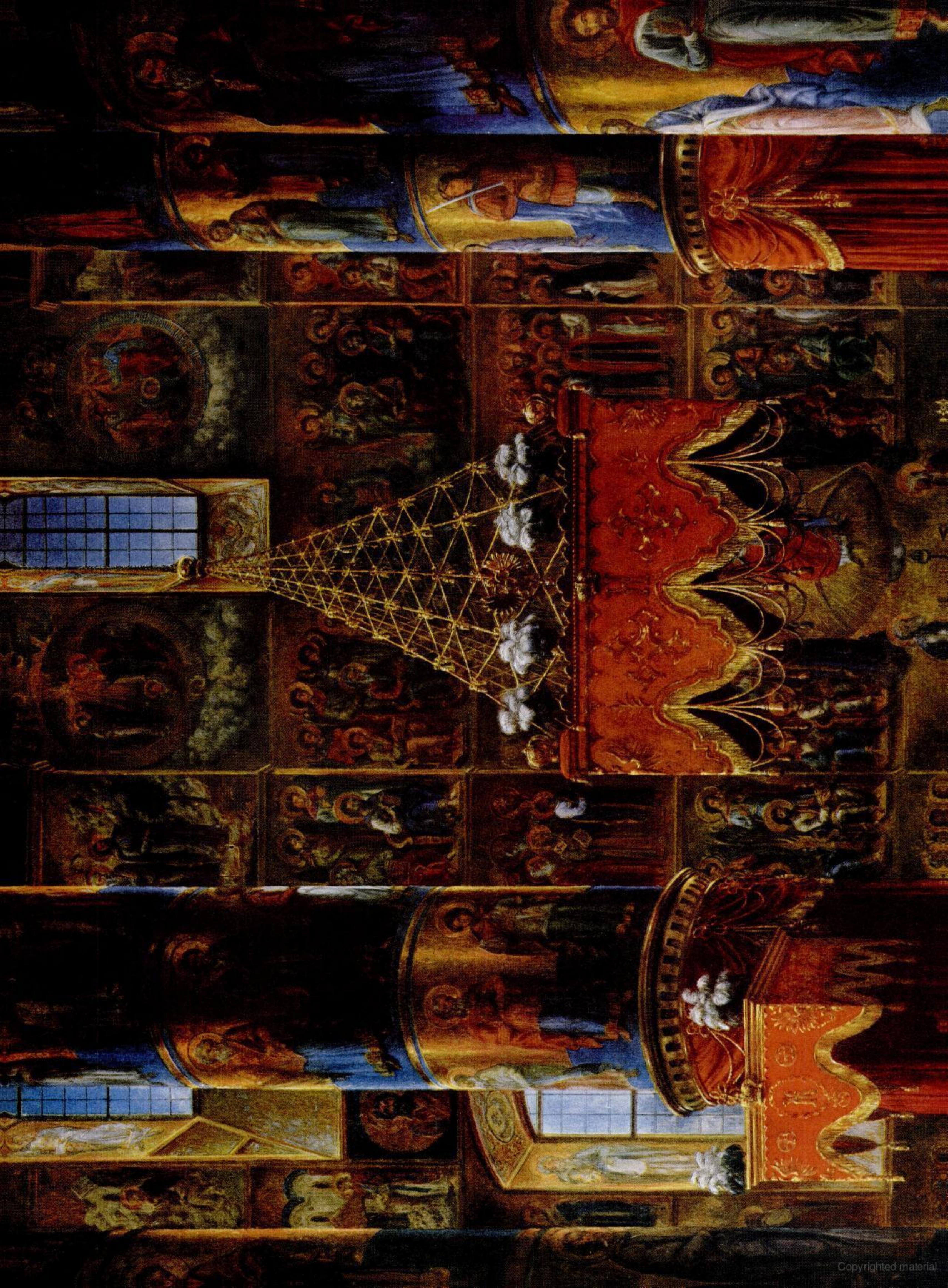
ALEXANDER III seems to have been something of a martinet inside his family, and he saw to it that Nicholas slept on a camp bed and was roused at 6 in the morning. Nicholas' lessons were followed by rigid exercises in the open air. He cannot have minded particularly. He adored the out-of-doors, hard riding and hard walking, the camp life of the army (he walked, it was said, "faster than a horse," and once, later on, he made a forced march of 10 hours to try out a new infantry pack for the army). There seems to be no doubt he wanted to do well, to fulfill honorably his place in the world. That place was made abundantly clear to him by Pobedonostsev and his father. Indeed, this side of his education was one long essay in the arts of absolute rule, the unassailability of his own position.

Nicholas loved and revered his father. He wanted to be like his father in everything. Yet he grew up very differently. He was slight, gentle and quiet. He was strikingly good-looking in the bearded, cultured, withdrawn way of his English first cousin, Georgie (later King George V), whom he so closely resembled. An engaging photograph exists of the two young men standing side by side, each



DEATH OF ALEXANDER II, fearfully mangled by assassin's bomb in 1881, brings royal family to his chamber in the Winter Palace. Huge man with hand on pillow is next czar, Alexander III, whose wife, Maria Feodorovna, holds skates

she has just been using. Kneeling by the bed are court doctor and priest. Behind doctor in sailor suit is Nicholas, 12, the future czar. At left, stained with czar's blood, is Princess Zhurzhevskia, long his mistress, only recently his wife.





CORONATION OF NICHOLAS II on May 26, 1896 in Moscow's Uspensky Cathedral lasted three hours. Here, at the close of it, Nicholas, having put aside orb and scepter, symbols of temporal power, while he

took Communion, accepts them for the second time from the Metropolitan of St. Petersburg. Under the imperial canopy, Empress Alexandra Feodorovna watches. At this solemn moment Nicholas' mother, the Dowager

Empress Maria Feodorovna, stands under canopy at left. Just beneath the imperial dais stand members of the royal family in court dress. At the foot of the steps, wearing miters, are the metropolitans of Moscow and Kiev.



END OF ROMANOV DYNASTY (which will be taken up by Mr. Moorehead in a following chapter) took place on the night of July 16, 1918 when the Bolshevik Yurovsky, who was in charge of the family's imprisonment, ordered the czar, his wife, children, doctor, three servants and two dogs into a basement room. Yurovsky (*left, in fur cap*) drew a pistol and shot the czar (*center*) in the head.

After this the whole family and retinue were killed. Their bodies were burned and dissolved in acid. What remained was dumped down an abandoned mine-shaft. Here the dying czar holds his son, the czarvich. At right, seated before the doctor, is the empress. Behind Dr. Botkin (*left to right*) are the grand duchesses, Anastasia, Tatiana, Maria and Olga. In left rear are family valet and cook.

with his identical yachting cap, his nautical jacket, his white duck trousers, his trimmed Van Dyke beard. Theirs is a world of immense distinction and prestige. They are so serious, so young and handsome, a vision in a Victorian parlormaid's dream of royalty in the flesh.

Perhaps the most important event in Nicholas' life was his love affair with Princess Alix of the little German grand duchy of Hesse. It began with her visit to Petrograd in 1889. Nicholas at first did not think he stood a chance. The girl was too beautiful, he thought, too inaccessible. He went off on a trip around the world with nothing decided and no plans made for their meeting in the future.

Almost too clear and intimate a light falls on this young couple's courtship and their subsequent private life together. Nicholas was an ardent diarist of the intensely personal kind, and we can assume he would never have been so unwary and spontaneous had he known that his jottings would some day come to light. Then too, we have Alix's letters to him, and the act of writing these letters was to her a communion, a confession of the soul.

Princess Alix was the perfect expression of an aristocratic Victorian upbringing: a girl of 17, blue-eyed, fair-haired, complexioned like a rose and delicate and beautiful in all her features except just possibly her chin, which had rather a determined mold. She was shy and modest and naturally romantic, and the Victorians had fixed in her (as only they knew how) a touching and absolute faith in her Protestant religion. She loved and believed in the mystic power and beauty of the church to the exclusion of almost all else. And now this wonderful young man Nicholas had appeared.

"O Lord," he wrote in his diary, "how I want to go to Ilyinskoe."

Ilyinskoe was the country home near Moscow of his uncle, the Grand Duke Sergius who had married Alix's sister Elizabeth, and Alix was on a visit there. The date was now 1891, but the courtship was still not advancing very rapidly. In January of the following year we find Nicholas writing forlornly, "My dream is some day to marry Alix H. I have loved her for a long while. . . ."

The religious obstacle

THE chief obstacle was that in order to marry the heir to the Russian Czar, Alix would have to exchange her Protestantism for the Russian Orthodox faith, and this by no means could she bring herself to do. There were powerful parties interested in the marriage. The German Kaiser was not against it, Queen Victoria was quite ready to see her granddaughter on the Russian throne and Alexander III had been won over by Nicholas' pleadings. It was Victoria's persuasiveness, one day in April 1894, which finally won the girl around.

"Wonderful, unforgettable day in my life," Nicholas wrote in his diary on April 20, "the day of my engagement to my darling, adorable Alix. . . . O God, what a mountain has rolled from my shoulders. . . ."

It was probably the best time Nicholas ever knew. The wedding, however, was celebrated even sooner than they expected. Alexander III had fallen ill at Livadia, his estate in the Crimea, and in the autumn of 1894 his condition rapidly worsened. The official betrothal of the young pair took place in the czar's bedroom a few days before he died on Nov. 1. Five weeks later, while the court was still in mourning, the marriage took place. Nicholas was 26, his wife 22.

"Never," she wrote in her husband's diary (the diary that like all else had now become a mutual possession), "did I believe that there could be such utter happiness in this world, such a feeling of unity between two mortal beings. I love you—those three words have my life in them."

There was too much feeling here to be contained, too much inexperience and excitement. Ideally the young couple should have subsided into the mediocrity of some provincial little state like Hesse. Neither of them, even if they had been alone and unhappy, was equipped to handle the fantastic power of the autocracy in Russia. Nicholas was frightened by it. His wife had no time for it. Merely to be with him was all the world she wanted.

And so she began now, almost from the moment of her marriage, that long series of retreats into the whims and raptures of her private life which in the end was to do almost as much as any other

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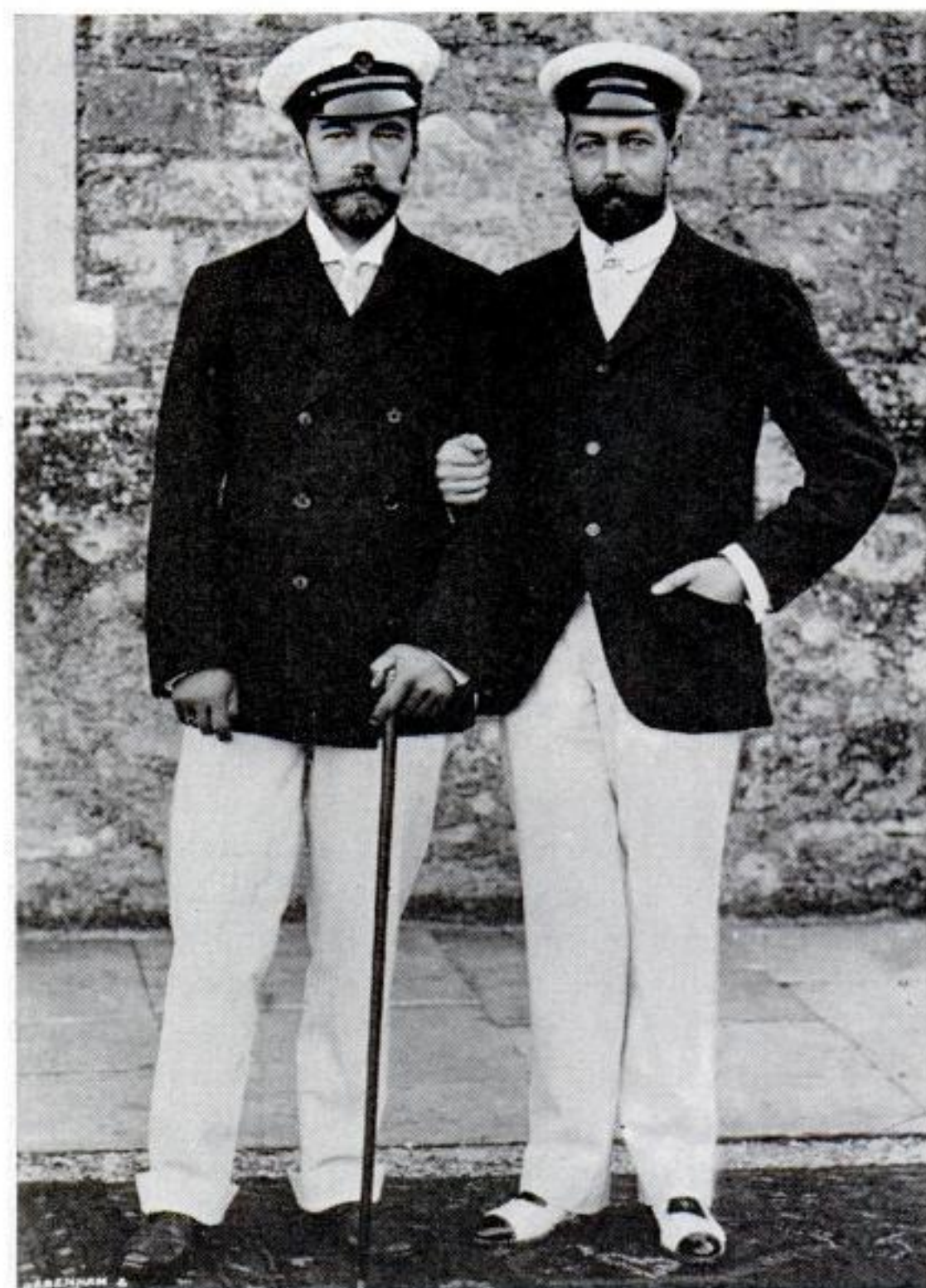


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ROYAL COUSINS, Nicholas (left) and George, were together in England when latter was Prince of Wales. Nicholas' mother, Empress Maria, was sister of George's mother, Queen Alexandra.

RUSSIAN REVOLUTION CONTINUED

single factor to bring on the revolution in Russia. There were just two themes in this life, Nicholas and religion, and for much of the time the two were a good deal mixed up together in her mind. The young empress took on her new faith in the Russian Orthodox Church with all the missionary conviction of the convert who has reached his faith by a terrible inner struggle. The very fact that she had resisted the change so strongly in the beginning made her surrender all the more complete. She had been born with a deeply religious cast of mind, and now, gloriously, the Orthodox Church had all the answers for her.

The first symptoms of Alix's inadequacies as a public figure quickly began to show. She found that she could not stand the round of elaborate receptions and banquets at Petrograd. She had no taste for parade of any kind. She even went so far as to draw the blinds on the imperial train when it came to a halt, so that she would not be faced with the officials and the dull adoring provincial gentry waiting outside on the station platform.

It was left to Nicholas' mother, the elegant and formidable Dowager Empress Maria, to make good these deficiencies. It was she who stood with her son at the palace receptions while Alix remained in her private apartments waiting for Nicholas to return. Alix was not liked by the court itself. She hated the inevitable intrigues, the posturing and the place-seeking round her husband, and instead of making at least a casual effort to accept these people she did the thing that was most calculated to make them loathe her. She ignored them.

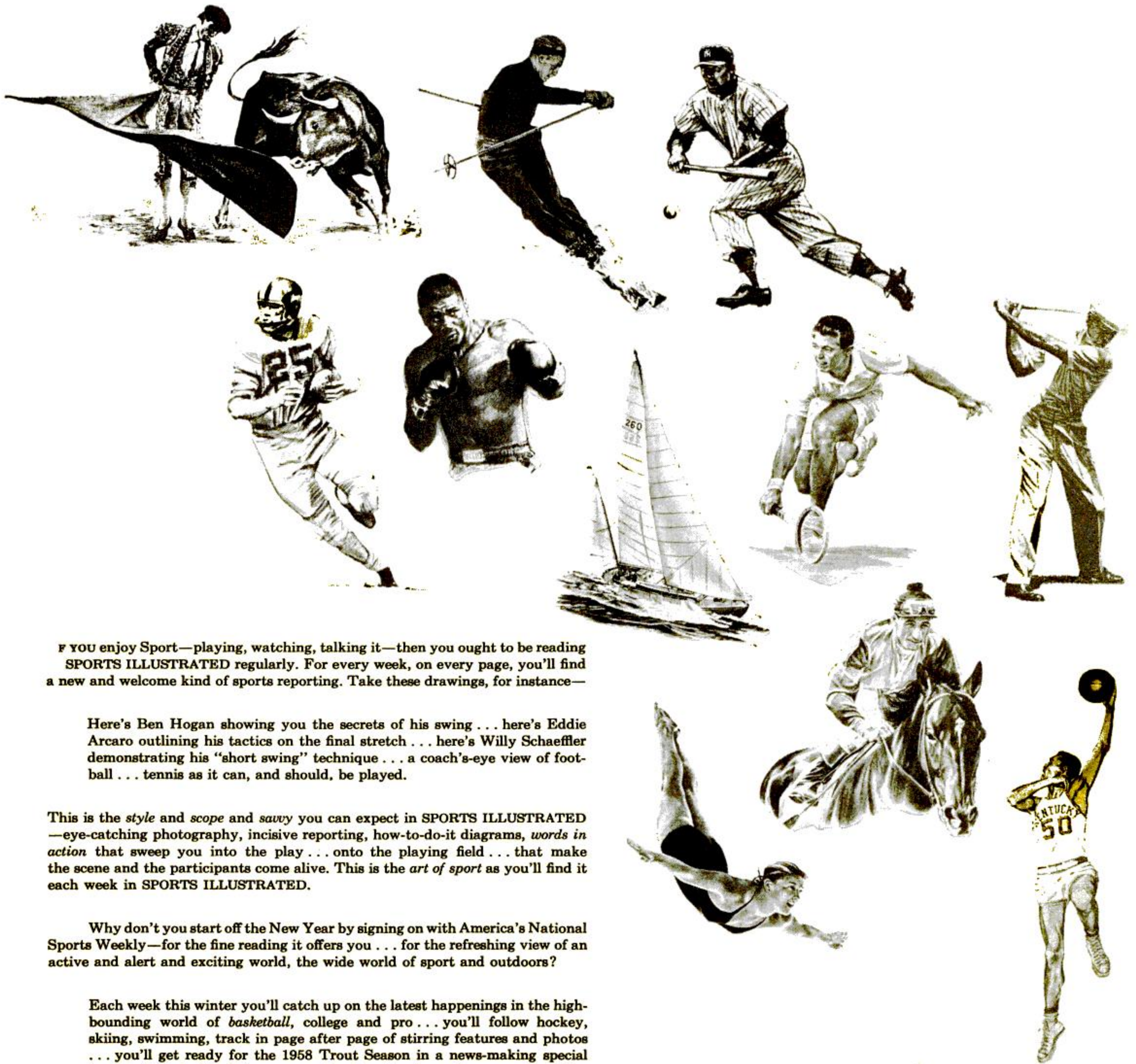
The other source of the empress's unpopularity was more unjust and more serious. Russia needed a male heir to the throne and Alix could produce nothing but girls. Year by year they arrived



CZAR'S BETROTHED, Princess Alix, looked shy and romantic before her marriage in 1894.

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THE ROYAL FAMILY posed in the fall of 1904 with the newly born czarovich. With the czar and czarina are the grand duchesses Tatiana, 7, and Maria, 5 (left), the baby Alexis, and the grand duchesses Anastasia, 3, and Olga, 8.

RUSSIAN REVOLUTION CONTINUED

until there were four of them in all: Olga, Tatiana, Maria and Anastasia. Alix herself was bitterly disappointed, and in her distress she began to give way, almost as a drug addict will give way, to the superstition that was always latent in her nature. She was a natural quarry for any quack, provided he had a religious tinge to his make-up. A procession of dubious priests, astronomers, faith-healers and spiritualists began to find their way to the palace at Czarskoe Selo outside Petrograd where she spent most of her time. Once a French "lay doctor" actually succeeded in persuading her that she was about to have a son, and she went through the painful experience of hysterical pregnancy.

Through all this Nicholas seems to have attended her patiently and kindly. He too had a side to his nature that was increasingly beguiled by horoscopes and soothsayers—the element of luck—and with the years he had grown to rely upon his wife more and more, as a counselor, as the one companion he could really trust.

A besetting curse

IN the end they were rewarded. On Aug. 12, 1904 a son was born, and while the bells were ringing all over Russia they christened him Alexis Nicholaievich. But luck had not quite reached them yet. The boy had inherited from his mother the besetting curse of so many of the royal families of Europe, the disease of hemophilia (tendency to bleed profusely from any wound). Extreme care would have to be used in his upbringing, and it was not expected that he would live beyond his 18th year.

Through these first 10 years of her marriage the empress intervened very little in public affairs. Nicholas, with Pobedonostsev at his elbow, was left to go his own way, and he lost no time at all in indicating what that way was going to be. It was customary on the accession of a new czar for minor officials to come up from the provinces and present addresses of congratulation to the throne. One of these addresses, however—it came from the zemstvo of Tver, a town outside Moscow—contained a hint of criticism and expressed the hope that "the rights of individuals and public institutions will be firmly safeguarded."

Left to himself Nicholas would no doubt have accepted this mild word of advice, but Pobedonostsev seems to have pounced on it, and one can hear his voice in the royal reply, Nicholas' first major statement of policy. These ideas of the zemstvos interfering in internal administration were, he declared, "senseless dreams," and he added, "I shall maintain the principle of autocracy just

CONTINUED



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NAME.....

STREET.....

CITY.....ZONE.....STATE.....

RUSSIAN REVOLUTION CONTINUED

as firmly and unflinchingly as it was preserved by my unforgettable dead father."

It could be argued that Nicholas' downfall really begins from this moment, for it was not the revolutionaries he was alienating here (they were implacably against him anyway) but all serious liberal feeling through Russia. The liberals could only answer with a despairing sigh—and turn reluctantly toward the left.

For the time being there was very little anyone could do to save the situation. Alexander III had handed on the autocracy as a going concern to his son. The state police were powerful everywhere and the mass of the people just as backward and leaderless as they were before. The one new fact in the situation had not yet become apparent, the fact that Alexander III was a dominating character and Nicholas was not. Nicholas was a weak man and there was no strength in him for compromise. He had a natural aversion to an argument and his instinctive reaction to a problem was to procrastinate, to turn aside from it and do nothing, to escape into the simplicities of his family life in the country.

The first 10 years of Nicholas' reign are very largely the story of his tendency toward evasion, of the mental processes of a man who would have made an admirable constitutional monarch but who was hopelessly unfitted to understand and control the pressure of political events.

Nicholas also seems to have disliked men who were abler than himself. Witte, his best minister, soon found himself in trouble, and Plehve, who was a better courtier, was firmly in control of the ministry of the interior by 1902. It was Plehve's ambition to convert Russia into even more of a police state than it was before, and he was not unsuccessful. Increasing waves of strikes, street demonstrations and peasant risings broke against his police machine and achieved nothing very much except more and more arrests, more exiles in Siberia, more repression of the Jews and more support for the revolutionary movement underground.

A kind of brittle lethargy hangs over these first years of the 20th Century in Russia. Everyone sees the danger, no one is content. Yet nothing is done, nothing is decided, until in the end it required a foreign war to bring things to a crisis.

An attempt at a land grab

THE Russo-Japanese War of 1904-05 was the last of the Romanov private expeditions, a purely expansionist affair, an attempt at a land grab. Nicholas' part in the matter has never been entirely disentangled but there is no doubt that, unlike his father, he was attracted by the idea of military conquest. The Far East was the easy way for the Russians to go. The czarist armies had had no great success in their campaigns in the west in the 19th Century, but primitive China and the Pacific seaboard were anybody's game—or so it seemed. The trans-Siberian railway had already provided them with a convenient springboard. Its recently completed short cut across Manchuria had to be heavily policed by Russian troops, and gradually that Chinese province became almost a Russian protectorate. The plan now was to expand still farther into the peninsula of Korea. Already a group of Russian businessmen known to be close to the czar had obtained a mining and timber concession on the Yalu River in northern Korea.

All this looked extremely menacing to the Japanese and they protested. They were prepared in certain circumstances to accept the Russian protectorate of Manchuria, but Korea was quite another matter. By the middle of 1903 both sides were getting ready for war.

Powerful interests in Petrograd were ranged both for and against the expedition. Plehve, the army commanders and the Yalu business group were all in favor of it; Witte and the foreign office



KEY ADVISER Konstantin Pobedonostsev urged the czar to keep strong front against liberals.

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ELMER: Here's one for you, I'm NOT fat and that's that!



ELSIE: I'm afraid that isn't that at all. You've got to get back to normal and there's just one way to do it.

ELMER: Uh-huh...starve.



ELSIE: Oh, no! It's *especially important* for weight-watchers to get plenty of proteins, minerals and vitamins—that's where Borden's Skimmed Milk comes in...

ELMER: Well, do I drink it, or do we just talk about it?



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to keep
you slim...





TRANS-SIBERIAN RAILWAY, linking Russia with Far East, was begun in 1891 and, when completed in 1905, stretched 4,000 miles. The presence of Russian troops in Manchuria to guard tracks helped provoke war with Japan.

RUSSIAN REVOLUTION CONTINUED

against. Between these two opposing camps the czar wavered uneasily for a time, speaking usually through army officers and other private envoys rather than through his foreign office, and so neither in Tokyo nor in Petrograd did anyone know precisely where Russia stood. Immense intrigues festered round the court in Petrograd, where much money and many reputations were involved. In the midst of this, in August 1903, Nicholas took the opportunity of getting rid of Witte, whom he had never liked, and it became increasingly clear in Tokyo that the czar had no real intention of giving up his plans in Korea. In the second week of February 1904, while the exchange of diplomatic notes was still going on, the Japanese struck with a naval attack at Chemulpo (present-day Inchon) in the Yellow Sea. As at Pearl Harbor, 37 years later, there was no warning.

The 18 months' war which followed was one long catalogue of Russian disasters. At least one major scandal was involved: the Russian commander of Port Arthur, which was supposed to be an impregnable fortress, sent out his white flag to the Japanese when he still had some two million rounds of ammunition and four months' supply of food.

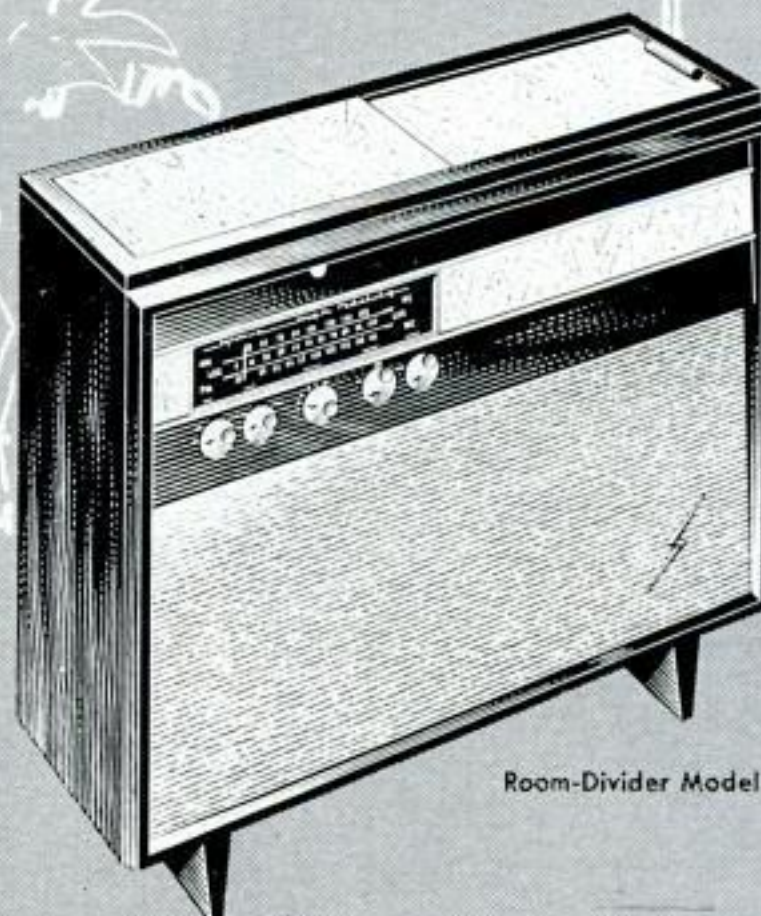
The campaign finally came to a crisis when the Russians dispatched their Baltic fleet around the world in the last desperate hope that it would destroy the Japanese navy in the Yellow Sea. It was a fantastic plan, more of an emotional gesture than a studied act of war. The Baltic fleet was weak and overaged, manned by inexperienced crews. Not until May 1905 did the ships reach their destination. Japanese agents had reported on their approach at every step of the way. On May 27, off Tsushima Island, the massacre occurred. The Japanese steamed at a range of 7,000 yards across the leading Russian ships, and in three-quarters of an hour it was all over. By some freak of chance three Russian vessels managed to disengage and make port.

The sinister results

WITH this the war was over and both sides were ready to accept President Theodore Roosevelt's offer to mediate for peace. The treaty, signed at Portsmouth, N.H. in September 1905, was not unfavorable to Russia. But Nicholas had lost upon almost every count: in Russia's prestige in the world, in the damage to his armed forces, in the explosion of his dreams of a new empire in the east. These were obvious losses. They can be put aside and forgotten in the face of a much more serious and sinister thing which this war had brought upon the emperor's head. It had created the conditions for revolution inside Russia. It had broken or at any rate loosened his autocratic hold on the country, and, just for a few short months, it provided an ominous glimpse of what lay ahead. In brief, the thing that Nicholas feared more than anything now happened: the Russian underground came to the surface and the Dark People appeared in the streets—the untold millions of half-starved, destitute *muzhiks* and city workers whose yearnings

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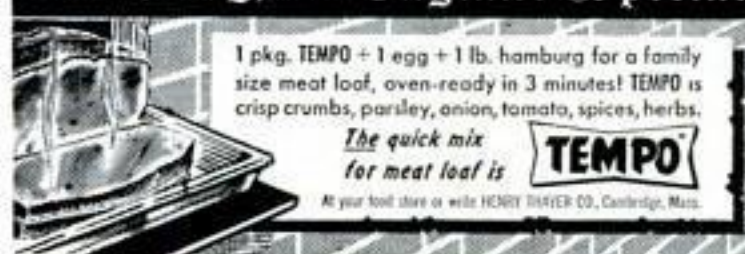
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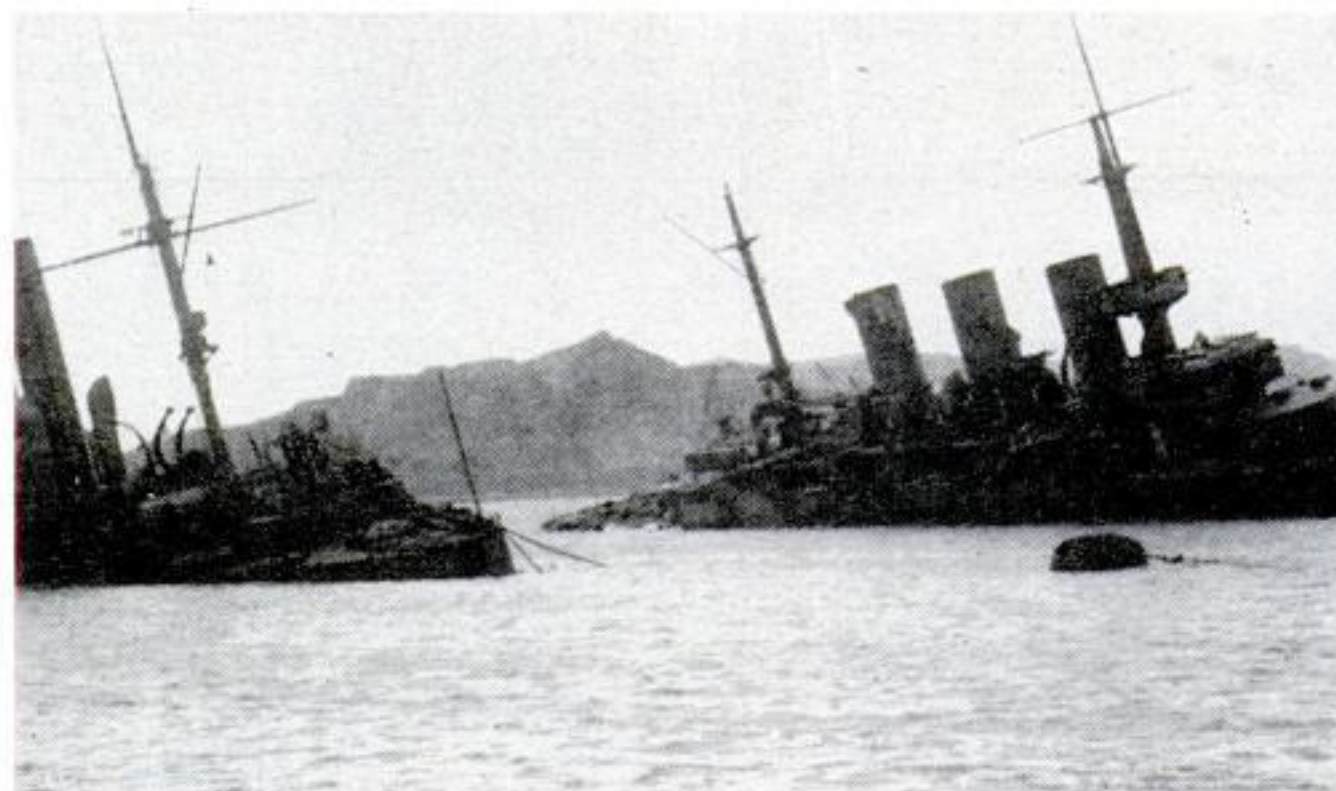
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DISASTER AT SEA took place off Tsushima Island (background) during Russo-Japanese War. Four battleships, seven cruisers, five destroyers of the czar's obsolete Baltic fleet were sunk in the shallow water, five ships captured.

RUSSIAN REVOLUTION CONTINUED

for some kind of amelioration of their wretched lot in life had been repeatedly and brusquely frustrated by the Romanovs. They marched up to the gates of the Winter Palace in Petrograd and quite suddenly there was bloodshed, the government was shaken and Russia got its first good look at the revolutionaries who 12 years later would bring about the most convulsive and far-reaching upheaval of this century.

The czar could not have had any inkling of the degree of fanaticism with which these revolutionaries were imbued. A new breed of man, the professional revolutionary regarded himself as expendable. He was a man who followed blindly the leader and the party line, and who if need be would lie, cheat and murder to gain his objective. He was possessed neither of patriotism nor of pity. His only faith was in the revolution itself, and in this he was a fanatic. It was the Russian novelist Turgenev, in the following fragment, who best put into words this Russian mania for extremism, for perfection and for martyrdom.

"To you who desire to cross this threshold, do you know what awaits you?"

"I know," replied the girl.

"Cold, hunger, abhorrence, derision, contempt, abuse, prison, disease and death!"

"I know, I am ready, I shall endure all blows."

"Not from enemies alone, but also from relatives, from friends."

"Yes, even from them. . . ."

"Are you ready to commit a crime?"

"I am ready for crime too."

"Do you know that you may be disillusioned in that which you believe, that you may discover that you were mistaken, that you ruined your young life in vain?"

"I know that too."

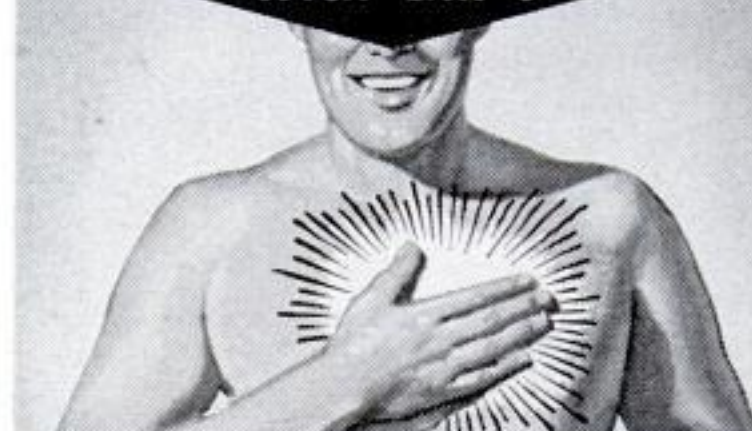
"Enter!"

"The girl crossed the threshold and a heavy curtain fell behind her. Fool! said someone gnashing his teeth. Saint! someone uttered in reply."

NEXT WEEK: THE RISE OF THE PLOTTERS

Part II of Mr. Moorehead's narrative traces the growth of Russia's revolutionary movements from their beginnings among starry-eyed intellectuals to their first real test in the 1905 uprising. It tells how and why Lenin became a revolutionary and sketches the short, plump conspirator who "looked more like a provincial grocer than a leader of men" but whose oratory and single-mindedness swept all before him. It introduces the naïve priest, Father Gapon, who brought on the "Bloody Sunday" massacre, and the brilliant Leon Trotsky, whose hastily formed Petrograd Soviet set a pattern for 1917.

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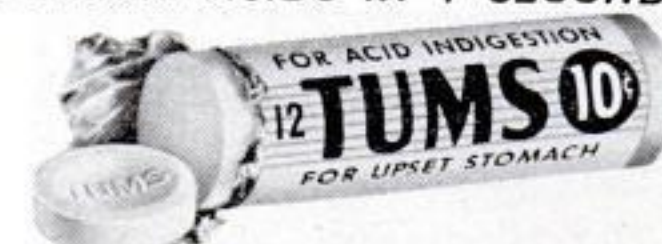
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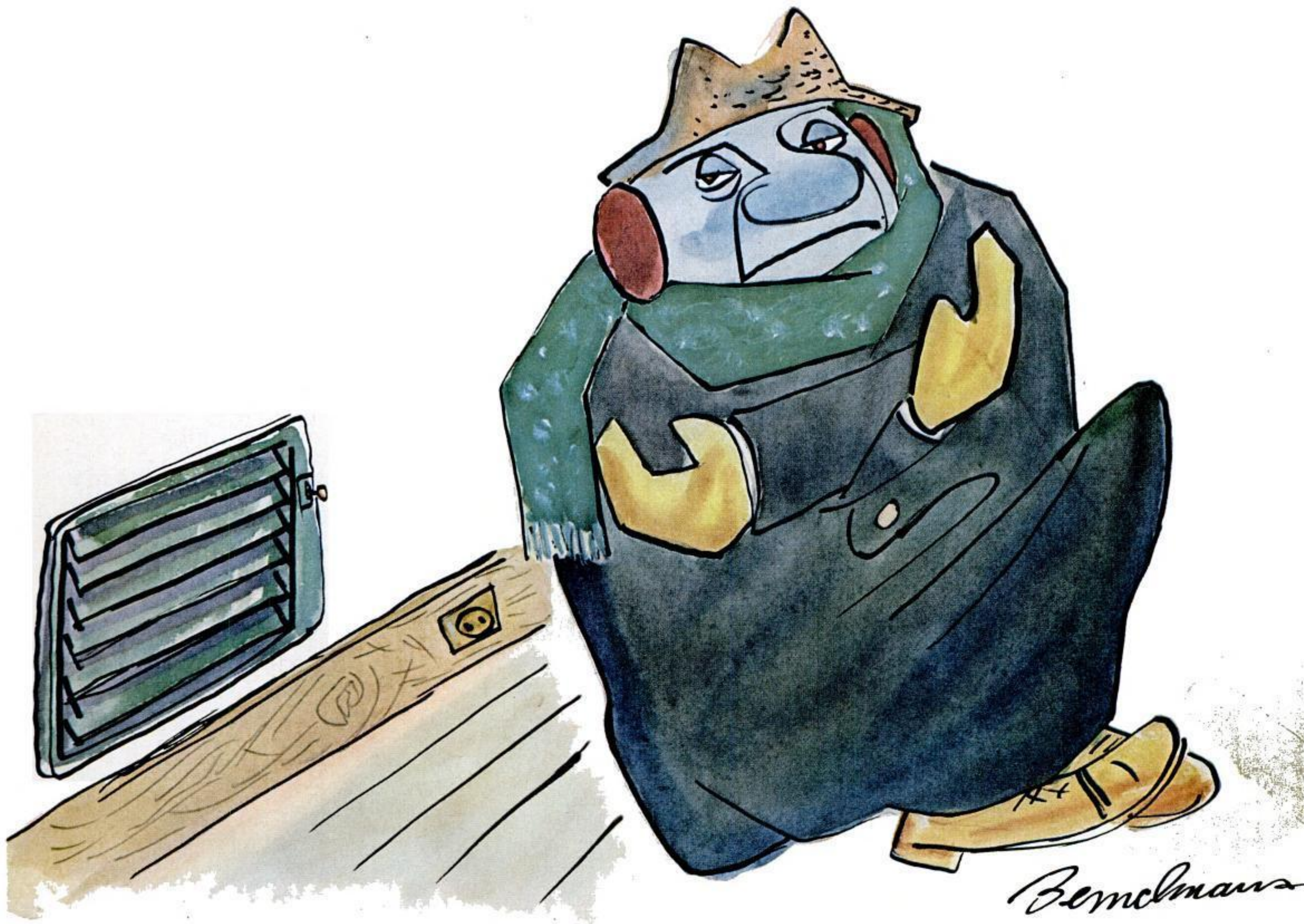
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10 big new extra-heavy duty truck series

GVW's up to 51,000 lb. For '58, ten new basic models are added to Ford's already extensive Heavy and Extra Heavy Duty line. Four new Tilt Cabs, four new Conventionals, and two new Tandem models offer GVW ratings up to 51,000 lb.

GCW's up to 75,000 lb. New T-950 Tandem is rated for 75,000-lb. GCW. Biggest single-rear-axle models are rated for 65,000-lb. GCW.

Bogie-axle capacities up to 38,000 lb. For '58 there are two entirely new Extra Heavy Duty Tandem Axle models. The new T-950 Series features a tandem rear axle assembly rated for 38,000 lb. Rugged new T-850 Series gives you a choice of 28,000- or 34,000-lb. bogie axles.

Front-axle capacities up to 15,000 lb. Choice of three front axles in most new Ford Extra Heavies. Rated capacities of 9,000 lb., 11,000 lb. and 15,000 lb.

Rear-axle capacities up to 29,000 lb. Wide choice of rear axles includes single-speed and two-speed, single reduction and double reduction types. Capacities range from 18,000 lb. to 29,000 lb.

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MOVIES



WORRIED WITNESS, Marlene as wife blames murder on her husband.



ANGRY LAWYER, Charles Laughton cross-examines witnesses at trial.



FRENZIED HUSBAND, Tyrone protests innocence despite wife's story.



AS GLAMOROUS AS SHE WAS IN "BLUE ANGEL" IN 1930, MARLENE PLAYS A SINGER AT THE OPENING OF "WITNESS"

Something Old, Something New

Witness for the Prosecution, a movie adaptation of Agatha Christie's play, opens with two of its principal actors playing in long-familiar styles. Marlene Dietrich, still confidently showing off her fabled legs, plays a nightclub singer with assured and understated ease. Tyrone Power, as a happy-go-lucky eggbeater inventor to whom she is married, displays the affable Irish charm he has bestowed on many movie roles.

But as the film moves forward, under Billy Wilder's skillful

direction, insouciance deserts these players. Their faces screw up in agony. They come apart at the seams. They emote with a vigor that seems foreign to them. This happens partly because the role of counsel for the defense is played by Charles Laughton. He is one of the most accomplished emoters around today and actors in a play with him have to bestir themselves in self-defense. But mainly Marlene and Tyrone emote because they are having a fine time telling a first-rate tale of murder and suspense.



BUSY MUSIC MAKER TO HIGH SOCIETY

Many-sided Lanin sets mass-produced beat

A prize social catch this season—more in demand than most front-running debutantes or eligible bachelors—is 46-year-old ex-drummer Lester Lanin. His presence is requested, along with that of his society band, at a majority of the best balls in the U.S. During the past year these included social events of the Astors, Chryslers, du Ponts, Fords, Rockefellers and Vanderbilts. Usually Lanin turns up perfectly groomed in tuxedo or tails. But at the less formal affairs he often comes decked out in any of the bizarre garbs he wears above, a man



dressed right for just about any costume ball.

Lanin today is big business, perhaps the biggest in the dance band wing of the music trade. As much contractor as leader, he draws on a large stockpile of musicians, including those behind him (*above*), to supply bands of any size, any time. One night in this past holiday season Lanin bands were at 26 parties in 11 cities. Lanin himself turned up at five of them in New York. He had turned down another 25 dates for the night because he could not muster enough manpower to fill them.

Hostesses pay up to \$15,000 a night for a Lanin band, and some customers are booking him now for their daughters' debuts in 1963.

Lanin himself makes a point of appearing at the most posh proceedings, but whether he is on the scene or not, the band plays the same style of fast-tempo fox trots that are his trademark. Lester, who frequently works a 20-hour day, goes to endless pains to get all the musicians to sound like Lanin. "My orchestras are like canned soup," he says with pride. "The contents are the same wherever you buy it."

MULTI-EXPOSED, Lanin poses with musicians. The leader is in six costumes he has worn at work—cowpoke, caliph, clown, piper, calypsis, chaperon at pajama party. Behind him are 205 musicians who have played for him, the manpower for 22 bands needed to fill dates in a single busy day last year.

Photographed for LIFE
by BRUCE DAVIDSON

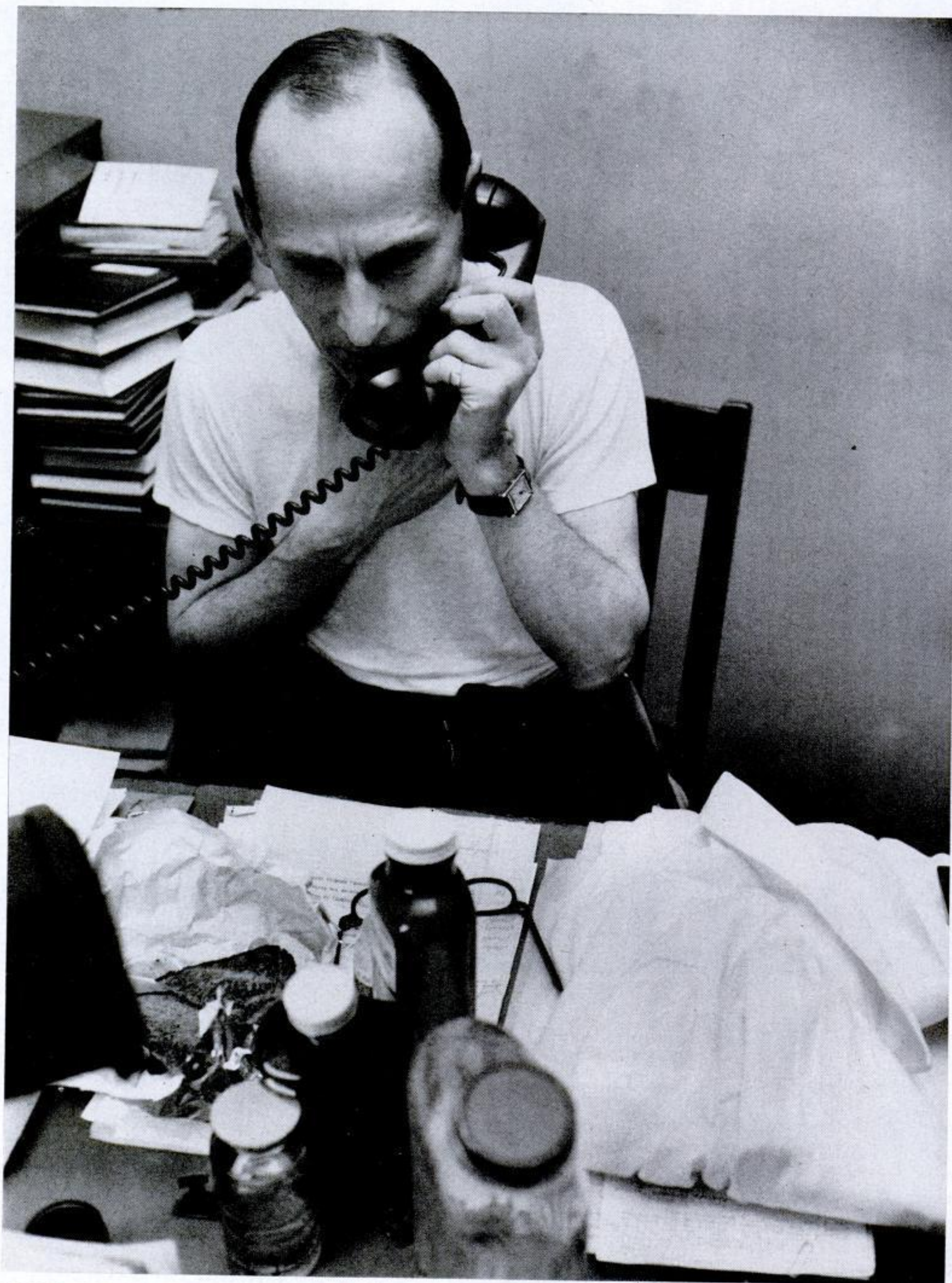
CONTINUED

81



IN WHITE TIE AND TAILS to lead band at annual Fan Ball at New York, Lanin shouts "Book" to his band

meaning next tune will be *I Could Write a Book*. Upraised five fingers are signal to play it in key of D flat—five flats.



IN HIS UNDERSHIRT at his office desk, Lanin reassures a fretting hostess before lunch of toast and pills.

ENJOYING LANIN MUSIC, Lanin lies on floor of his office as his secretary plays one of his new records. ➔





BUSY MUSIC MAKER CONTINUED



AUDITIONING AN APPLICANT, Lanin hears 16-year-old Clarinetist Mike DeBetta looking for job.

Between dates, many duties

Lester Lanin's father was a professional violinist in Philadelphia and six of Lester's brothers have been bandleaders. He started by whacking the drums in one brother's society orchestra, leaving when he was 16 to form a band of his own. Today he has an organization that only the long-established Meyer Davis can rival. On the payroll is a staff of seven and a hard core of 60 musicians. Lanin builds all his bands around these and over a year employs some 430 others. When Lanin is not personally on a date, a sub leader takes over.

In the past months Lanin's music has gained a new audience. On-the-spot recordings of his band playing at dates like the Tiffany Ball in Newport have been issued as Epic LPs and have sold more than a quarter million copies. The vast profits from all his rushing around have started Lanin worrying and tossing down vitamins. "After all I've got to please my clients," he points out. "Without them I'd be in a delicatessen somewhere slicing bologna."



HEADING FOR WORK, Lanin ducks into his vest which he keeps buttoned for quicker dressing.



CLOSING IN ON LEADER, teen-agers surround the bandstand at Worcester, Mass. Catholic youth dance as Lanin tosses them his autographed beanies.

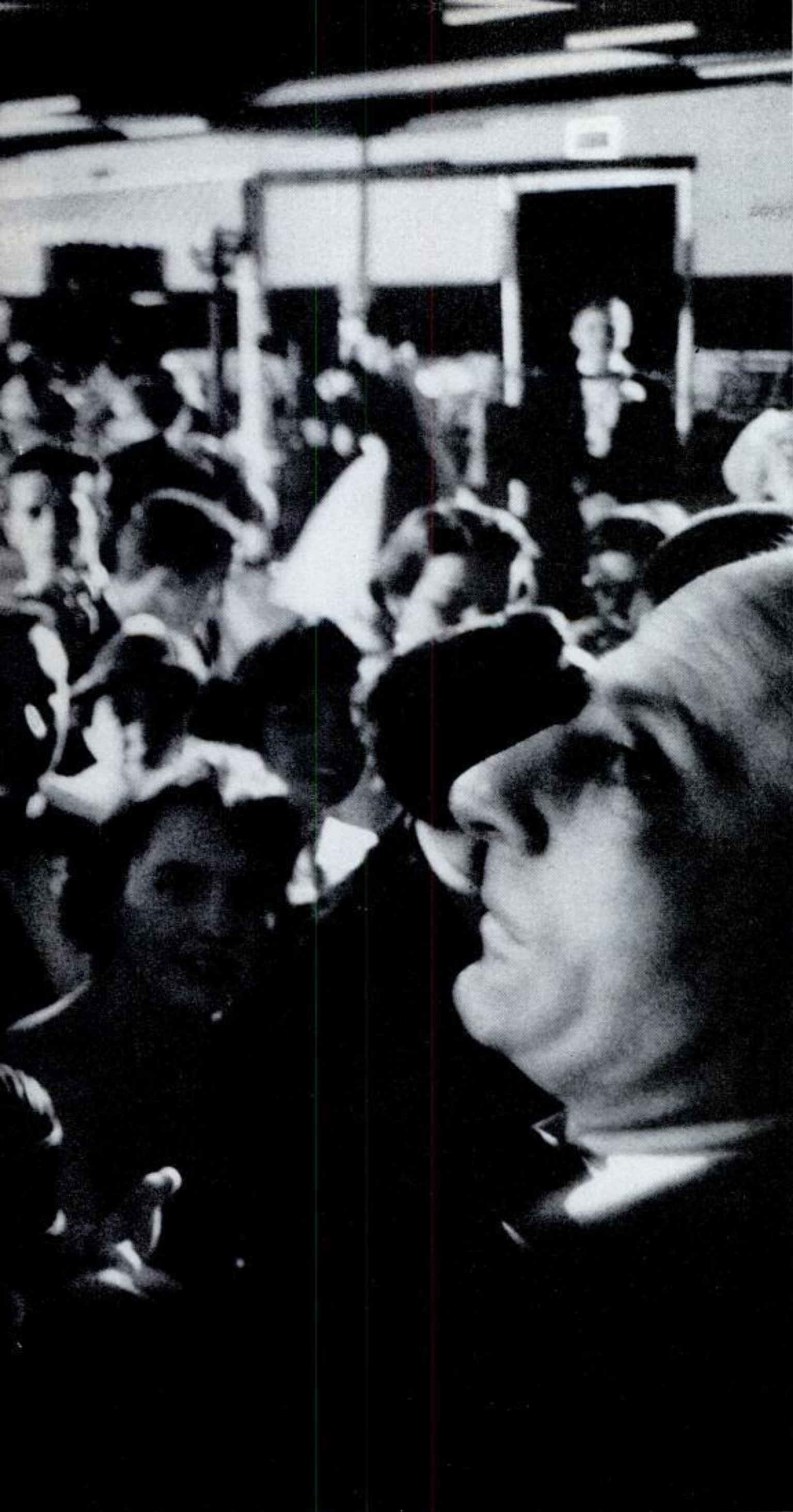


Putting his own touch on the parties

"I've got rhythm in my blood," Lanin claims, and at every fancy dance he plays he does his best to get it transfused into the social stream. Bypassing both the dragging beat that the trade calls the "businessman's bounce" and the rock 'n' roll repertoire, he concentrates on a brisk medley of show tunes and standards ranging from *Alexander's Ragtime Band* to *Night and Day* with tunes like *Margie*, *Mississippi Mud* and *Sweet Georgia Brown* in between. All of them are turned out fast with few pauses to let the musicians rest or the dancers drink. An occasional waltz will get played early but no rumbas or tangos until late. On the stand Lanin pays as much attention to the party as to the music and has developed an infallible instinct for knowing what a party needs to keep moving.

Between tunes Lester does everything he can to please the people who pay him and his pipers. At the Harvey Firestones' wedding reception for their daughter Anne at New York's River Club (*right*) he got his band to sing "I'm Just Wild About Harvey" and the host to join the impromptu horseplay. "What I like best is to have people come up and say, 'Lester, you made our party.' Why, the other night at Southampton there was a regular receiving line for me. You'd think I was the host out there."

← LEADING WITH HIS LEG, LANIN LOOSENS UP A ZETA PSI PARTY AT YALE



HIS WAY WITH A BIG WEDDING



EYE ON THE BRIDE, Lanin beats out the tempo at New York's River Club wedding reception as guests toast Anne Firestone who married John Fleming Ball.



REQUEST FROM GUEST is greeted with cordial smile as Mrs. H. S. Firestone 3rd asks him to play old Rodgers tune, *Mountain Greenery*, for her husband.



OBLIGING AN ADMIRER, Lanin leans on a drum as he signs an autograph at Worcester. After repeated requests Lanin played one rock 'n' roll number.



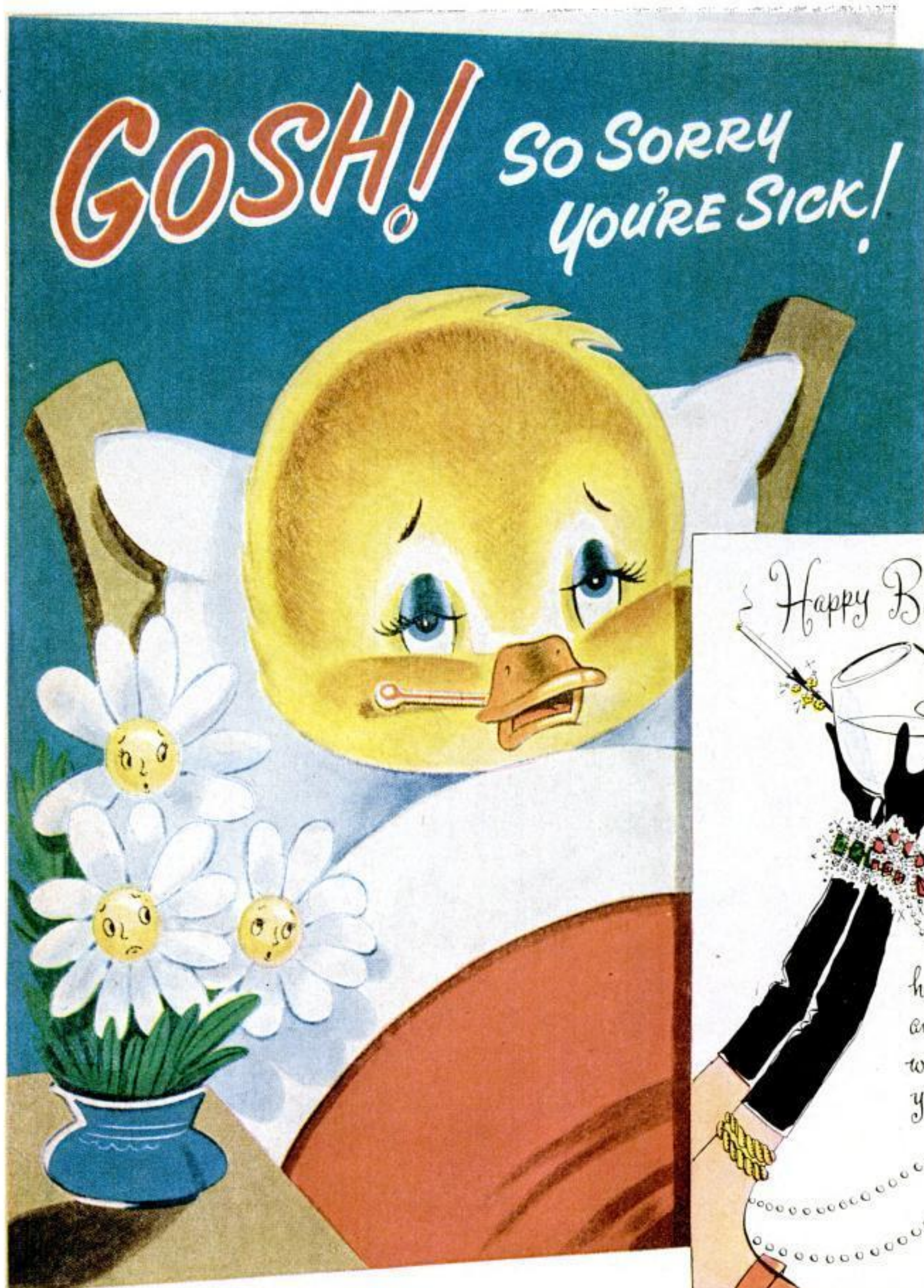
FLIRTING WITH YOUNGSTER, Lanin compliments 9-year-old Martha Ford on her velvet gown as she dances with Harvey S. Firestone Jr., her grandfather.



HOOFING WITH THE HOST, Lester Lanin breaks into a jig with Harvey Firestone when he decided that the wedding reception needed a special enlivening

touch. "He wants me to call him Harvey," Lester said, "but I keep it on a Mister Firestone basis. All I ever want to be is a musician to these people."

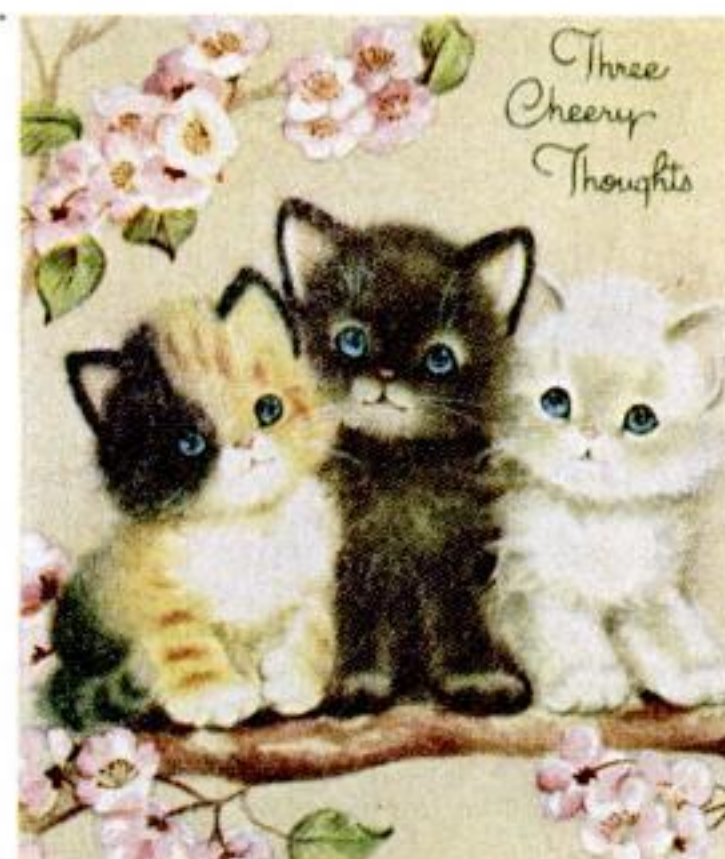
How do you like your greeting cards?



IMPRESSIVE? . . . KING-SIZE
cards by Norcross stand 12 inches high,
open up as big as a newspaper page.
100CN709



SOPHISTICATED? . . . "STUDIO N"
to be sure of the newest cards of all.
Bright new releases every month.
25ST114



CUTE? . . . NORCROSS KITTENS are
sure to please. 'Specially fun to send.
25CN298



HUMOROUS? . . . QUEEN-SIZE
Norcross cards have lots of big smiles
inside. Open them up and see!
50FR254



SENTIMENTAL? . . .
AMERICAN BEAUTY cards by
Norcross express your deepest
feelings with warmth and sincerity.
50SB741



**NORCROSS
GREETING
CARDS**

Say the things you want to say

© NORCROSS, INC.



Quality at your feet...

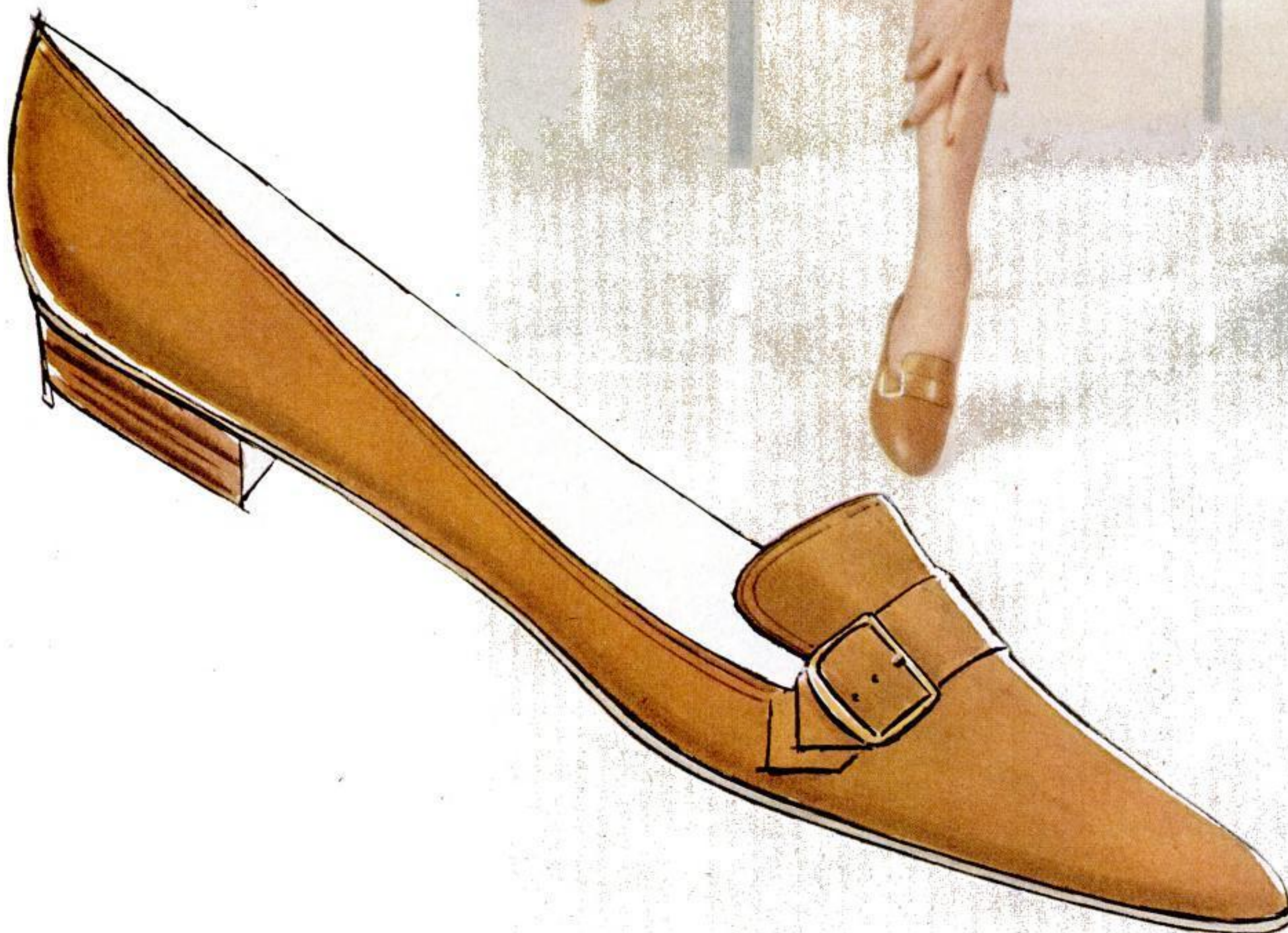
Vaquero

Casually show off your good fashion sense in easy-fitting sheath or swirly skirt . . . and Vaqueros! You'll have that Life Stride Look of perfection.

In glossy aniline calf, the color of a new saddle . . . with brass buckled cinch-strap and a wee half-inch of heel. Shoes illustrated 8.95. Other styles 6.95 to 11.95. Higher Denver West.

Westports by

life stride
the young point of view in shoes



Young Executive in a Hurry

I USED to be a young woman in a hurry, but I learned that wild hurry only leads to an early grave." Having uttered this disclaimer, Jerry Stutz still does a creditable imitation of a young woman in a hurry. Tall, slim, green-eyed and 33, she is the new president and a director of Henri Bendel, a high-class New York women's store with a \$5 million-a-year business—of which she can get as much as \$40,000.

A logical person, President Stutz likes to see perfect logic in the rapid rise to her present job. She majored in journalism at Mundelein College in her native Chicago, modeling on the side while there, and for a year after graduation wrote fashion publicity. Then she became accessories editor on *Glamour* magazine and learned all about shoes. When the \$223 million General Shoe Corporation bought I. Miller Shoes in 1954 it hired Jerry as fashion coordinator. A year later, breaking an industry-wide tradition against woman executives, she was made vice president of Miller's and general manager of their retail stores, and sales rose 20%. General Shoe, which also controls Bonwit Teller and Tiffany, bought Bendel's and at the end of 1957 put fast-moving Jerry Stutz in command. "I expect it'll be years before everything's slicked up here and I know enough to be interested in moving along," says she placidly. "Meanwhile, my first principle applies—when you come into a new job, put your eye on people, not figures. Once you've found the right people and set them free, you can't lose."

Successful, even-tempered and unmarried, Jerry faces with great equanimity the complex social problems of a young woman making a lot of money. "I used to have thousands of friends. Now I have a few close friends and thousands of acquaintances."



PULLING off her gloves (right), Jerry Stutz starts office day on the run. Coat still on (above), she talks to friend who called to congratulate her on new job.

"My system is to work very hard when I work, try never to postpone things, burn a lot of energy, move quickly, operate quickly, then get away and not take the office home. But if you don't lead a balanced life the whole thing just doesn't work."



CONTINUED

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CONFERENCE with Bendel Vice President Galluccio (right) is interrupted when Buyer Gossweiler (left) brings in mink stole to show the president.

"I get a lot of stimulation from other people. I'm an idea person but not an idea factory—it's often the other people who give me the ideas."



LOOKING over plastic-bagged stock, Jerry and Buyer Jean Rosenberg pick out formal dress for Ruth Dalbey (rear) to model for customer.

"When I was a schoolgirl and modeling on the side I was never interested in clothes. You never are if you're paid to model them for others."



VISIT to wholesale toiletries division introduces Jerry to highly important nationwide Bendel operation and some behind-scenes specialists.

"I love this part of the store because it smells so heavenly. Also it's new to me and I like the new things better than the ones I know all about."



"How I use Murine to rest my eyes at work"

MILTON CANIFF
Creator of the popular comic strip,
STEVE CANYON

"My eyes work hard every day while I draw, read scripts and check artwork, so I keep Murine handy," says Milton Caniff. "Murine is soothing, feels refreshing." Here's a restful idea, morning and night—or whenever your eyes feel tired from exacting work or minor irritations like smoke and dust. Murine comforts and cleanses your eyes, gently. Seems to make you feel more relaxed.

MURINE
FOR YOUR
EYES*

New!
Unbreakable
dropper



The Murine Co., Inc., Chicago, U.S.A.
*Trademarks Reg. U.S. Pat. Off.

When you're suffering
from the fever and pain of
COLDS or ASIAN FLU...



BAYER®

Brings Fastest Relief

...the fastest, most gentle-to-the-stomach relief you can get!

Fever, sore throat, headache, backache, muscular aches and pains—all are characteristics, not only of the common cold, but of highly contagious Asian Flu. And at the first indication of any of these symptoms, you should:

1. Get in touch with your doctor
2. Get as much bed rest as possible
3. Drink lots of fruit juice
4. Take Bayer Aspirin to reduce the fever and relieve the pain

The importance of taking Bayer Aspirin at the first sign of a cold or Asian Flu cannot be over-emphasized. Both diseases,

if neglected, can cause you serious trouble... Asian Flu especially... for it not only spreads with insidious speed, but can lead to pneumonia.

Bayer Aspirin makes you feel better fast because it relieves aches and pains with astonishing speed and quickly reduces fever as well.

We believe your doctor or public health official will tell you that Bayer Aspirin brings the relief you need from painful discomforts of colds or Asian Flu.

Remember—three years of painstaking research confirms that Bayer brings the *fastest relief... the fastest, most gentle-to-the-stomach relief* you can get.

NEW

BAYER® NASAL SPRAY
WITH NEO-SYNEPHRINE®



Offers greater protection against spread of infection than any other nasal spray—because it comes in containers of different colors, so everyone in your family can have his own. That's why

It's as personal as your toothbrush!
Coats swollen nasal membranes with a soothing spray that shrinks swelling, relieves nasal congestion!

Has you breathing freely again—fast
because it sweeps away stuffiness... dries up runny nose... relieves head cold miseries!



ON DAY OFF she joins old friends Betty and Dick Dorso for backgammon at Town Tennis Club.



"When you have a crowded life and a six-day work week, time for yourself becomes a precious thing. I try to spend it with people I like."

ON SUNDAY afternoon she tries to answer hundreds of congratulatory letters.

"I've heard from people I haven't seen in five million years, and I haven't even had a chance to get to the supermarket in two weeks."



FAVORITE recreation for Jerry is Sunday window-shopping for antiques on Third Avenue, not far from her own luxurious apartment. Here she admires bronze candelabra.

"It's taken me almost two years to furnish my living room just the way I want it and that was when I worked a five-day week. Now that I only have Sundays free my antiquing is limited to window-shopping, and it'll probably take me another two years to finish the bedroom."

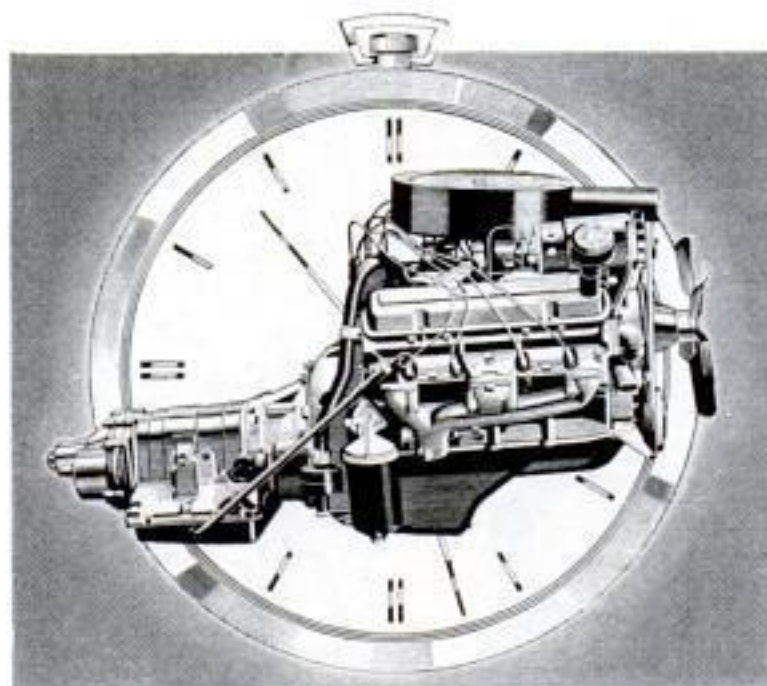
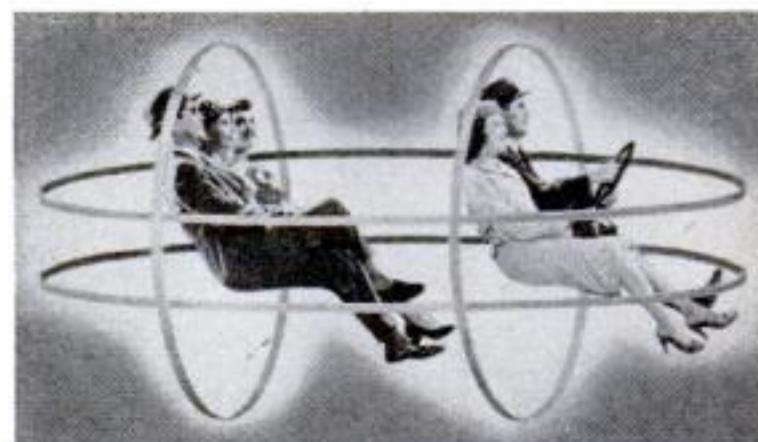
58's NUMBER ① SUCCESS STORY!

When the experts previewed the bold new Pontiac, they trotted out superlatives they had never used before. Today, wherever you go, when the talk turns to automobiles you'll hear the same sentiments. And is it any wonder? Created by the industry's hottest engineering team, this car is built like no other you've ever known. So naturally it looks, rides and handles like nothing else on the road. Have you driven it?

PONTIAC MOTOR DIVISION OF GENERAL MOTORS CORPORATION

FIRST WITH CIRCLES-OF-STEEL SAFETY ➔

Pontiac's completely new body construction surrounds you and your passengers with girder steel protection—above, below, fore and aft. You drive with wonderful new peace of mind!

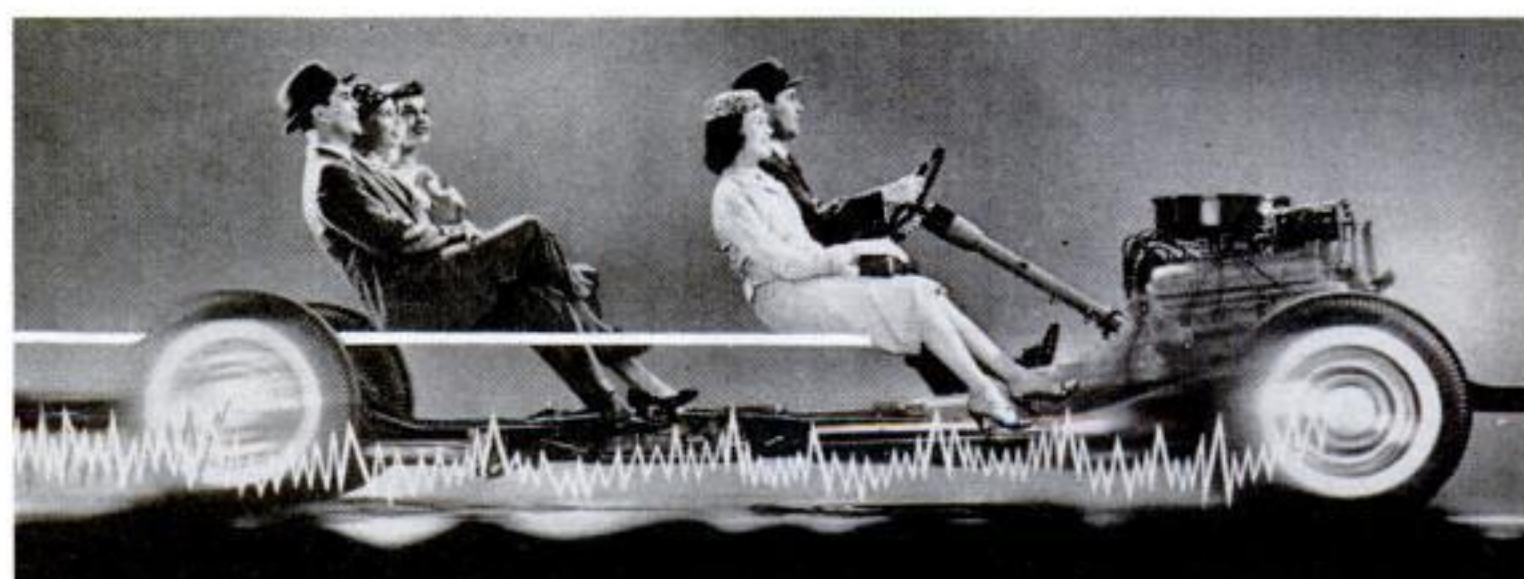


← FIRST WITH TEMPEST 395 PERFORMANCE

It's exclusively yours in Pontiac—an advanced V-8 power plant built to tolerances finer than the finest watches! Try this new jeweled-action response!

↓ FIRST WITH QUADRA-POISE ROADABILITY

Only the wheels know where the bumps are! New chassis geometry counteracts dive, sway and bounce—brings you the smoothest ride, easiest handling you've ever known.



BOLD NEW



A BOLD NEW CAR FOR A BOLD NEW GENERATION

PONTIAC

Copyrighted material

Everyday potatoes taste special when

you *Cheez Whiz* 'em!

Into the heart of a split, hot baked potato spoon a big swirl of Kraft's Cheez Whiz. That golden goodness will *melt right in*... putting fine cheese flavor through and through. Garnish 'em with a sprig of parsley.

This is just one of *dozens* of fast cheese treats with Kraft's Cheez Whiz. *Spoon it onto hot foods! Heat it for cheese sauce! Spread it for snacks!*



Golden nuggets In a saucepan heat Cheez Whiz over very low heat. Pour that glorious cheese sauce over hot, cooked, diced potatoes. Sprinkle them with paprika and serve hot. They're great! (Try heated Cheez Whiz on green beans and cauliflower, too.)



New twist on "mashed" Beat in plenty of tantalizing golden Cheez Whiz when you mash your hot potatoes. Add a few more spoonfuls in the center of the serving dish. The folks will love these rich, cheese-flavored mashed potatoes.

NEW!
.....
PIMENTO
CHEEZ
WHIZ





STUTZ CONTINUED

IN HER BEDROOM Jerry dresses for party at the Waldorf, helped by French maid Marie.

"I used to be 'Miss Nightclub' when I first came to New York 10 years ago. Now I figure 'I've been there' and life is less formal."

JERRY is helped into fur by evening's escort, world-famed shoe designer André Perugia.

"Being a successful businesswoman, far from being a problem, has been an asset. I meet a great many more interesting people all the time."



Faster, easier RELIEF FOR ALL THESE COLD MISERIES

with pleasant new liquid!

- Open stuffed-up nose!
- Soothe raw, sore throat!
- Loosen phlegm, ease cough!
- Relieve headache, body pains!

TAKES THE PLACE OF

NOSE
DROPS



COUGH
SYRUP



ASPIRIN
and other
pain relievers



No one-purpose remedy gives
such thorough relief as

NEW 4 WAY® LIQUID Cough and Cold Medication!

It's an easy-to-take liquid that's faster-acting! It's a combination of modern medicines that can relieve cold distress more thoroughly than any single-purpose remedy...better than cough syrups, nose drops, aspirin! It's new 4 WAY LIQUID Cough and Cold Medication—with exclusive Rynosec®!

Almost at once, 4 WAY LIQUID makes you feel better *all over*! Yes...being liquid, it's instantly ready to speed relief into your blood-stream, throughout your body! And it contains Rynosec® too. That's why new 4 WAY LIQUID brings more relief, faster relief of cold miseries! At all drug counters now! *Trademark

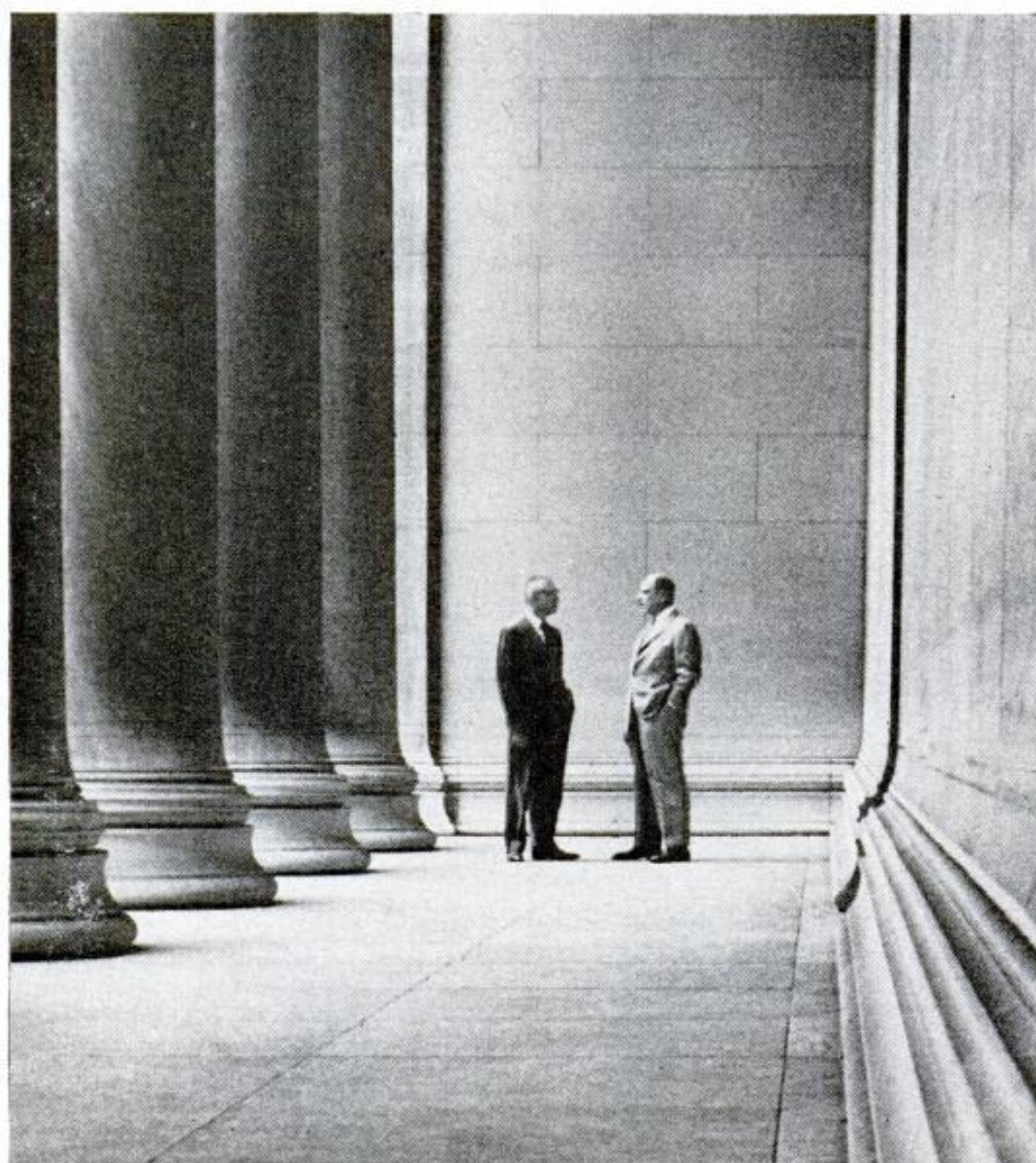
WHAT ABOUT ASIAN FLU?

The symptoms of Asian Flu are often very similar to those of the common cold—symptoms which 4 WAY LIQUID is specifically formulated to combat. However, the major danger signal is fever...running as high as 102 to 104 degrees. When such symptoms occur with fever...particularly among children under 3 or adults over 65...consult your physician.



Allegheny Conference on Community Development Guides Pittsburgh's Revival: Members of the Executive Committee as of May 1956, present for LIFE's photograph for the issue of May 14, 1956. Standing (left to right): JAMES F. HILLMAN (Harmon Creek Coal Co.), LAWRENCE C. WOODS, JR. (Pittsburgh Bicentennial Assoc.), JOHN A. MAYER (Mellon National Bank & Trust Co.), JOHN T. RYAN, JR. (Mine Safety Appliance Co.), ROBERT C. DOWNIE (Copperweld Steel Co.), A. W. SCHMIDT (A. W. Mellon Educational and Charitable Trust), JAMES M. BOVARD (Carnegie Institute), CARL B. JANSEN (Dravo Corp.), WILLIAM H. REA (Oliver Tyrone Corp.), A. H. BURCHFIELD (Joseph Horne Co.), GEORGE D. LOCKHART (Attorney-at-Law), SIDNEY A. SWENSRUD (Public Auditorium Authority of Pittsburgh and Allegheny County), PARK H. MARTIN (Allegheny Conference). Sitting (left to right): LELAND HAZARD (Pittsburgh Plate Glass Co.), EDWARD R. WEIDLEIN (Former Pres., Mellon Institute), ARTHUR B. VAN BUSKIRK (T. Mellon and Sons), WILLIAM P. SNYDER III (Shenango Furnace Co.), CLIFFORD F. HOOD (United States Steel Corp.), I. W. WILSON (Aluminum Company of America).

How people respond to **LIFE** in



Mellon Institute Leaders applaud LIFE's impact. General Matthew Ridgway (right), Chairman of the Board of Trustees and Dr. Paul J. Flory, Executive Director of Research, comment, "The vivid LIFE photographic story of Pittsburgh's renaissance added depth and impact by reaching a vast segment of America. It helped inspire other communities to follow our proved pattern of rejuvenation."



MAYOR DAVID LAWRENCE

What does a city do when slums and soot and apathy sap its vitality . . . when real estate values fall and business moves elsewhere? This is the problem of many cities today . . . and it's being tackled magnificently by Pittsburgh.

THE RENAISSANCE of 200-year-old Pittsburgh has justly been called "Mellon's Miracle," but it could only be accomplished by the enthusiasm of many citizens. They have worked unselfishly for a cleaner, healthier city . . . and the results are inspiring.

The famed Golden Triangle, Pittsburgh's 330-acre business district—a blighted shambles 10 years ago—today gleams with new

Psychologists Dr. B. von Haller Gilmer, Dr. K. Moyer: "Text books quoted LIFE's article on psychologically designed toys; manufacturers asked us to design toys; world-wide letters showed that people truly understood LIFE's report."

Pittsburgh Symphony benefits from LIFE-inspired volunteers. Pres. Charles Denby (left) to Conductor William Steinberg, "It gave our volunteers a lift, stimulated them to further efforts when LIFE gave public recognition to the value of their cause."





The Golden Triangle and the man who made it shine. Once shrouded in smoke, crowded with dilapidated buildings and traffic jams, it's a testimonial to the vigor of Pittsburgh's revival, led by Richard K. Mellon (right). Summarizing LIFE's role, he says, "Pittsburgh has

been building a new city, a new way of life through united action of the whole community, requiring a well-informed public. LIFE's portrayal of our rebuilding and the way the editors have told this story have made a real contribution to progress here."



PITTSBURGH

buildings, bridges, expressways and 36-acre Point Park. And millions have been given for educational and cultural developments.

LIFE has reported many phases of Pittsburgh's revival, and in the new Pittsburgh, LIFE plays an important role. For, as all over the country, LIFE reaches more than 3 out of 5 households in the Pittsburgh metropolitan area in a 13-week period... and people in Pittsburgh, as elsewhere, respond to LIFE.

Pittsburgh is still building, still seeking. And LIFE will continue to stimulate its citizens. On these pages you'll find dramatic examples that show exciting things happen—and keep on happening—when-ever a person, a product or a city appears in the pages of LIFE.

LIFE 9 Rockefeller Plaza, New York 20, N. Y.



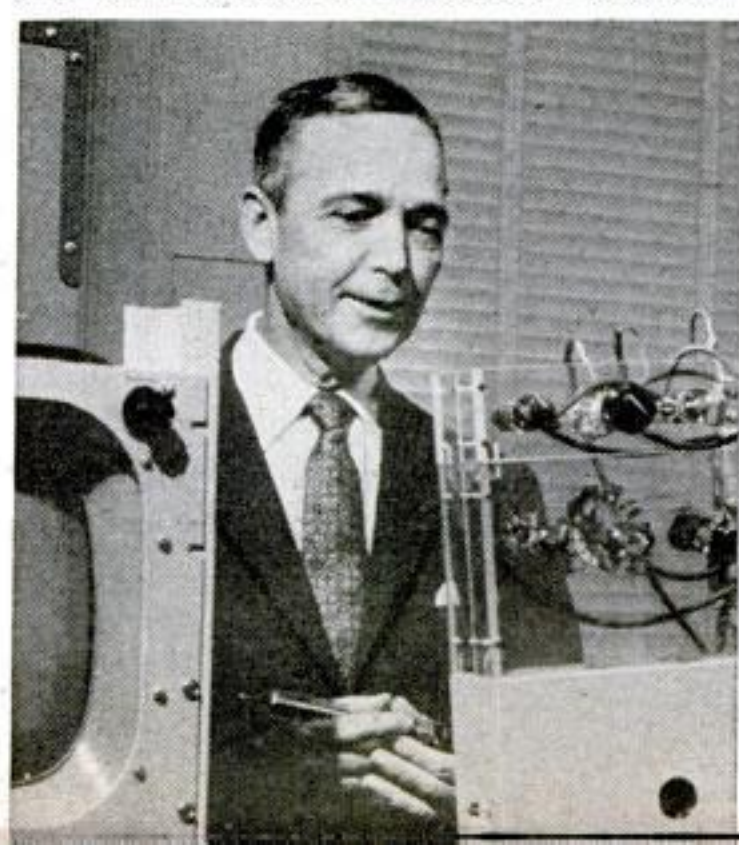
Lumber Yard Booms. "After LIFE's do-it-yourself article, manufacturers and suppliers recognized an unexplored field that could open large new markets," say S. L. Lifsher (center), and Warren Sinnhuber (right), Mark Lumber & Supply Co. "Letters, phone calls, visits came by the hundreds. Operators came from as far as Canada and Mexico; an information exchange was set up with one 21-branch company. We leased new unloading facilities from a railroad president who read about us in LIFE, and were finally able to get a loan which helped finance our rapid growth."

Business Leader H. J. Heinz II, President, H. J. Heinz Co.: "LIFE's Pittsburgh story gave a boost to the entire area. Many inquiries from opinion-makers and leaders around the nation were real evidence of LIFE's national coverage and influence."

Industrial Leader knows LIFE's power. Westinghouse Electric Corp. Board Chairman Gwilym A. Price says, "LIFE's excellent photographs of our Rayescent Lighting aroused tremendous public interest in this contribution of industrial research."

Steel Leader Benjamin Fairless, speaking of Pittsburgh's cooperative effort of private enterprise and local government: "In its pictorial treatment of new Pittsburgh, LIFE caught the spirit of change and furthered the program through sound reporting."

Doctor I. A. Mirsky, Prof. and Chairman, Dept. of Clinical Science, U. of Pitts. Med. School says, "LIFE enlightens the public about controversial issues. The psychiatry series revealed various schools of thought, yet showed the real progress made."





STRANGE RABBIT EATING HABIT

When her uncle gave Claudia Clerici of Sonoma, Calif. a baby jack rabbit, she fed it scraps from her plate. The rabbit ate anything—farina, carrots, spinach, ice cream, cake. One night Claudia had spaghetti and she gave a strand to her pet. He loved it. After that when he smelled spaghetti cooking, the rabbit came running. Mrs. Clerici would pile

a bowlful in front of him, wrap a bib around his neck and the rabbit would go to work. Grabbing a strand in his teeth, he would nibble it all the way down to the end and then start on another. He ate so much spaghetti that finally the house wouldn't hold him. Not long ago the Clericis had to turn him loose to forage for himself in the woods.



BRET HARTE ENJOYS A DRINK AT MARK TWAIN'S HOME

What finer whiskey to celebrate author Bret Harte's completion of one of his finest stories than Mark Twain's favorite, Old Crow.

OLD CROW

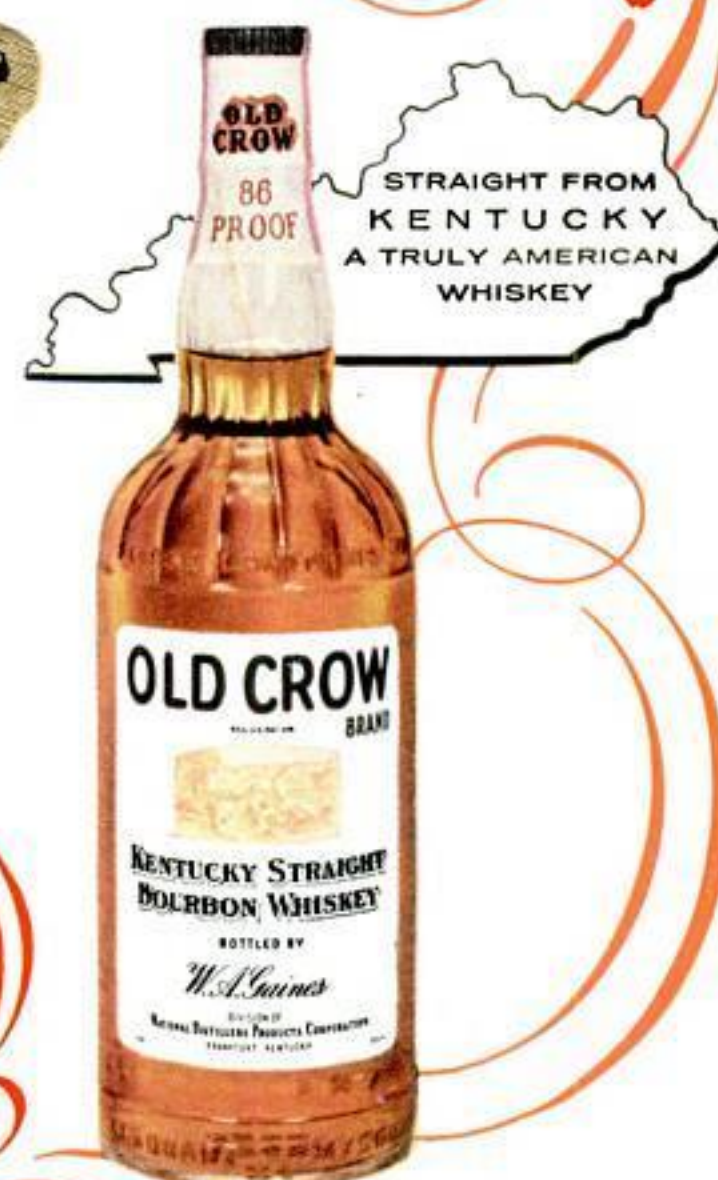
Kentucky Straight Bourbon Whiskey

As famous as the men whose patronage helped bring it world-wide renown, James Crow's magnificent whiskey has traveled far since it first appeared on the American scene back in 1835. Millions everywhere have tried it, enjoyed it and deeply praised it as the finest Kentucky bourbon ever put into glass.

**NOW IN A Milder
LOWER-PRICED 86 PROOF BOTTLING!**

*Old Crow is now available in a milder
86 Proof bottling, today's highly popular companion
to the historic 100 Proof Bottled in Bond.*

"The Greatest Name in Bourbon"



THE OLD CROW DISTILLERY COMPANY, FRANKFORT, KENTUCKY, DISTRIBUTED BY NATIONAL DISTILLERS PRODUCTS CORPORATION.

1958

Make this your **LUCKY** year!

1958



Happy New Year!



A perfect year...



to have Luckies along!



Man, what a cigarette!



Day in...



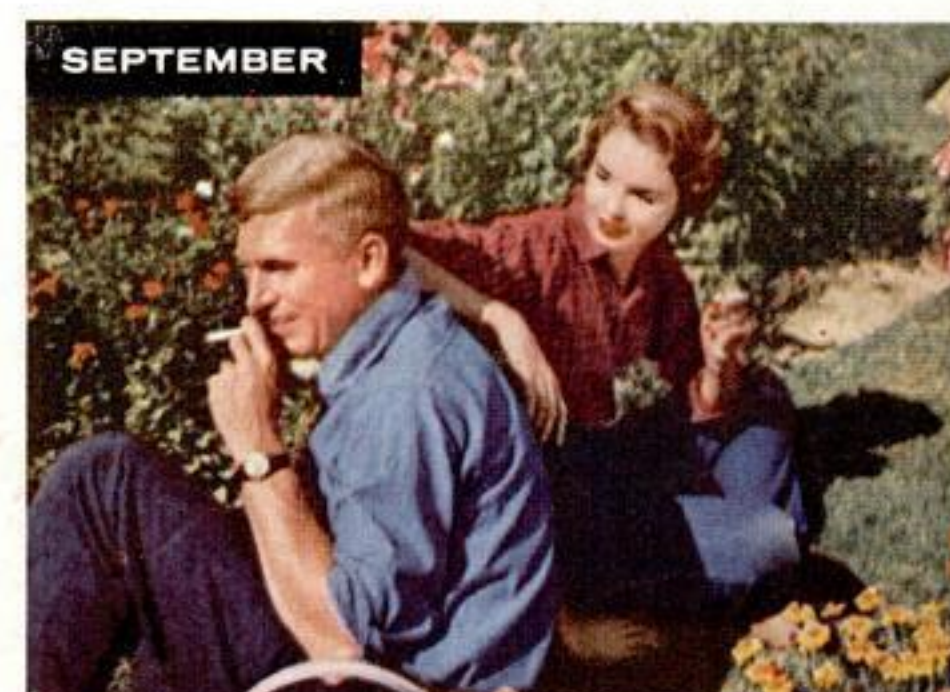
day out...



wherever you are...



whatever you're doing...



take time out...



to light up a Lucky.



It's the best-tasting cigarette you ever smoked!



LIGHT UP A *light* SMOKE
-LIGHT UP A **LUCKY!**



Product of *The American Tobacco Company* - "Tobacco is our middle name"